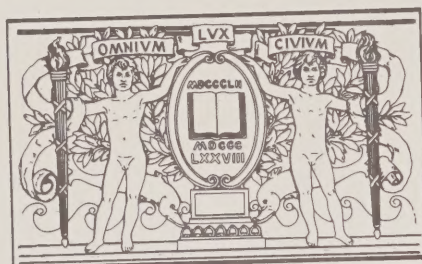


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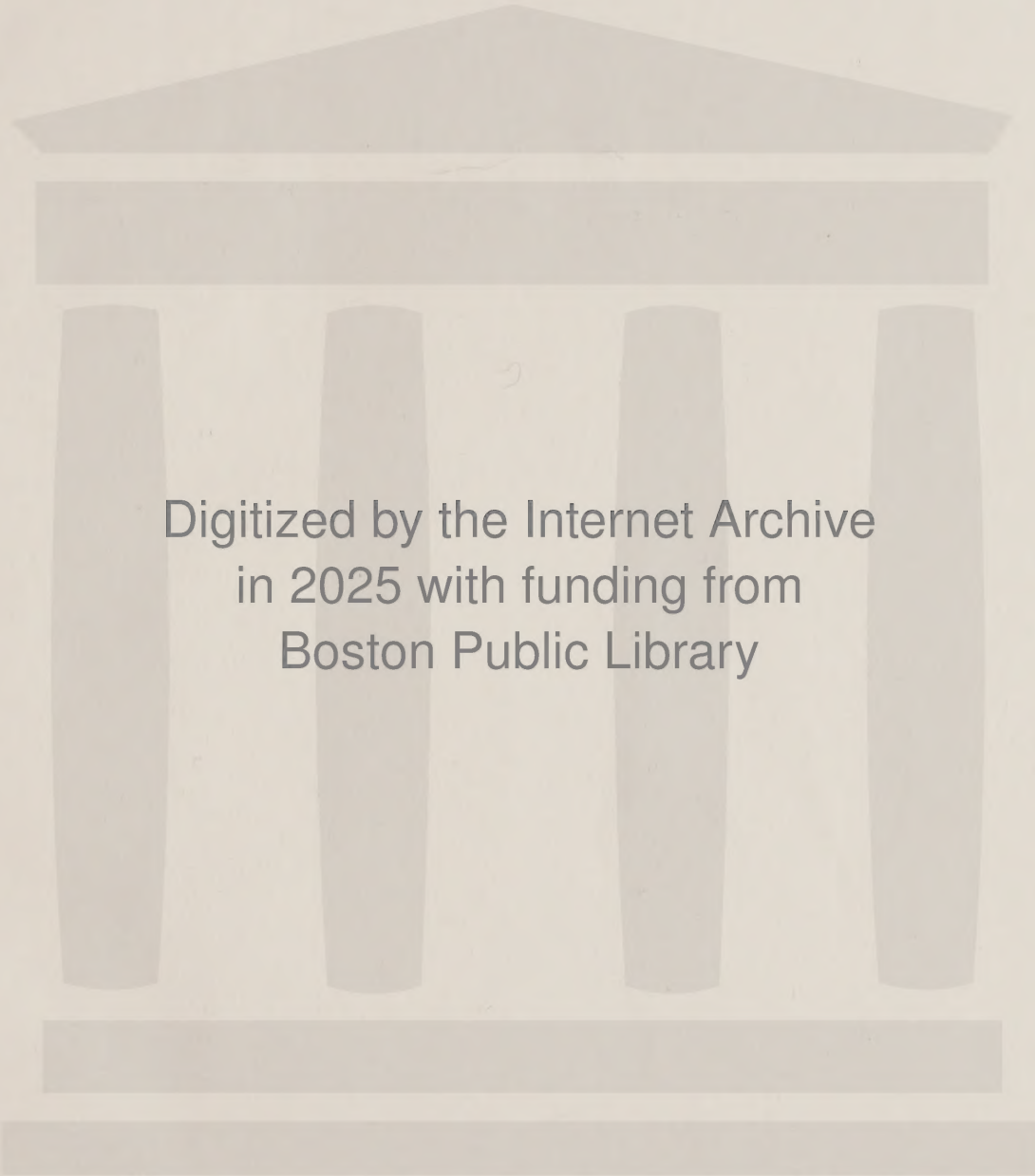
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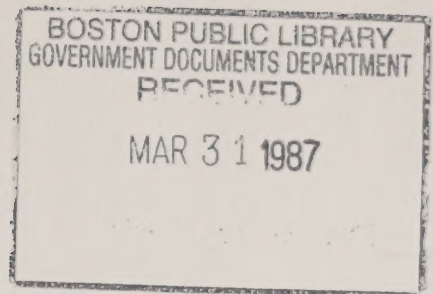
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BUSINESS PATTERNS IN BOSTON NEIGHBORHOODS

Establishments and Employment, 1983

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with the Assistance of Stephen M. Kunze

Boston Redevelopment Authority
Research Department

February 1987

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Summary

Most jobs are anchored in a workplace--a shop, factory, office, or institution. In Boston, workplaces are spread across sixteen diverse neighborhoods in an uneven pattern. Those business patterns result in widely varying numbers and types of jobs in the neighborhoods.

In 1983, 55 percent of Boston's total private employment was located in Central Boston and Back Bay/Beacon Hill. Yet, six neighborhoods outside of the downtown area--Fenway/Kenmore, Allston/Brighton, South Boston, South End, East Boston, and Fields Corner--accounted for 32 percent of all private jobs located in the city. Consistent with their more residential character, the other eight neighborhoods--Charlestown, Uphams Corner, Hyde Park, Mattapan/Franklin Field, Jamaica Plain, Roslindale, Roxbury and West Roxbury--contained the remaining 13 percent of the private employment base.

The distribution of jobs across neighborhoods varied much by type of business. While employment in finance/insurance/real estate was concentrated in the downtown planning districts, South Boston, Allston/Brighton and other neighborhoods outside of the downtown area contained nearly 60 percent of the city's manufacturing jobs. Retail trade establishments were more evenly distributed with only five neighborhoods having less than 1,000 retail employees. Most of the jobs in services were bunched in the downtown areas and Fenway/Kenmore. However, several of the hospitals and universities, large sources of jobs, were located outside of the central areas of the city.

Employment bases varied within neighborhoods, in many cases, due to the presence of large employers. For example, airlines at Logan Airport dominated East Boston's job base, insurance companies were the specialty in the Back Bay, health and educational services were the largest employers in Fenway/Kenmore, and manufacturing accounted for 40 percent of the place of work employment in Charlestown. The predominantly residential planning districts, such as Hyde Park, Mattapan/Franklin Field and Roslindale, possessed the types of retail trade and service establishments that primarily serve local residents.

The uneven distribution of workplaces across the city does not mean that residents of one neighborhood necessarily had fewer job opportunities than inhabitants of another district. While some residents may have benefited from more convenient workplaces, commuting within Boston and from Boston to its suburbs was common. Diversity in business patterns and land use is an essential element of the character and function of the city.

Introduction

What are neighborhood economies? The Boston metropolitan area is the most suitable geographic unit for economic analysis. The City of Boston and the surrounding cities and towns are inseparably linked by well-integrated business activities, mobile workers and wide-ranging consumers. Boston itself may be analyzed, but it does not stand alone as an economic unit. In particular, sub-city areas have insufficient economic autonomy and diversity to be analyzed as economies. The boundaries of Boston's neighborhoods are related to municipal history, residents, housing stock, roadways and physical barriers rather than workplaces.

Yet, neighborhoods are planning units and planners benefit from knowledge of workplaces and jobs that are proximate to residents. Profiles of workplace characteristics by neighborhood give planners a context in which to anticipate effects of plans and to evaluate programs and policies.

Fortunately, information from the Bureau of the Census offers unmatched detail on business activity in sub-city areas. The Bureau's County Business Patterns Branch provided unpublished data on private business establishments by size, by type of business and by zip code area for Boston.

This Research Department report updates a similar profile: "Boston Neighborhood Business Patterns,... 1981" (July 1983). Data for 1981 and 1983 are not compared in this report for two reasons: (1) County Business Patterns cover one week in March of each year, and those particular weeks may misrepresent year-to-year changes; annual averages would be better indicators of change; (2) errors and omissions in collection, response, coverage, and estimation of missing data diminish the reliability of year-to-year comparisons. However, the data are reliable enough to reveal sub-city business patterns for the latest available year and provide a useful context for planning and policy.

Patterns of Private Business by Neighborhood

Zip code areas may be used to define neighborhood boundaries that are reasonably close to Boston's planning districts. The sixteen districts, or neighborhoods, are made up of one or more zip codes as shown in Figure 1 and Table 1. Descriptions of private business patterns in these areas follow.

Private employees by neighborhood

The northern planning districts of Boston, especially Central Boston and Back Bay/Beacon Hill, contained the majority of Boston's private workplaces in 1983. The distribution of jobs in private business establishments was heavily weighted toward the central areas. In fact, the two downtown districts accounted for 242,200 jobs, or 55 percent of total private employment in the city. See Figure 2. Yet, six neighborhoods outside of the downtown area, namely Fenway/Kenmore, Allston/Brighton, South Boston, the South End, East Boston and Fields Corner, accounted for 32 percent of all private jobs located in Boston. See Tables 2 and 3. The seven predominantly residential neighborhoods, each with less than 10,000 jobs, contained the remaining 13 percent of the private employment base.

The distribution of business establishments was somewhat more even among neighborhoods outside of the downtown planning districts due to locational differences in size, measured by number of employees, of establishments. Predominantly residential districts, such as Hyde Park, Jamaica Plain and Roslindale, had relatively small business establishments compared to the neighborhoods that had large commercial districts such as Fenway/Kenmore and Allston/Brighton. See Table 3. Central Boston and Back Bay/Beacon Hill each had a full range of large and small establishments so that their shares of Boston's establishments and employees were nearly identical.

Table 1. Boston Neighborhoods, Defined by Zip Codes

<u>Neighborhood</u>	<u>Zip Codes</u>
Allston-Brighton	02134, 02135
Back Bay-Beacon Hill	02108, 02116, 02117, 02123, 02133, 02199
Central Boston	02101, 02102, 02103, 02104, 02105, 02106, 02107, 02109, 02110, 02111, 02112, 02113, 02114, 02200, 02201, 02202, 02203, 02204, 02205, 02206, 02207, 02208, 02209
Charlestown	02129
Dorchester	
Fields Corner	02122, 02124
Uphams Corner	02125
East Boston	02128
Fenway-Kenmore	02115, 02211, 02214, 02215
Hyde Park	02136, 02137
Mattapan-Franklin Field	02126
Jamaica Plain	02130
Roslindale	02131
Roxbury	02119, 02120, 02121
South Boston	02127, 02210
South End	02118
West Roxbury	02132

Figure 1. Postal Zip Code Areas in Boston

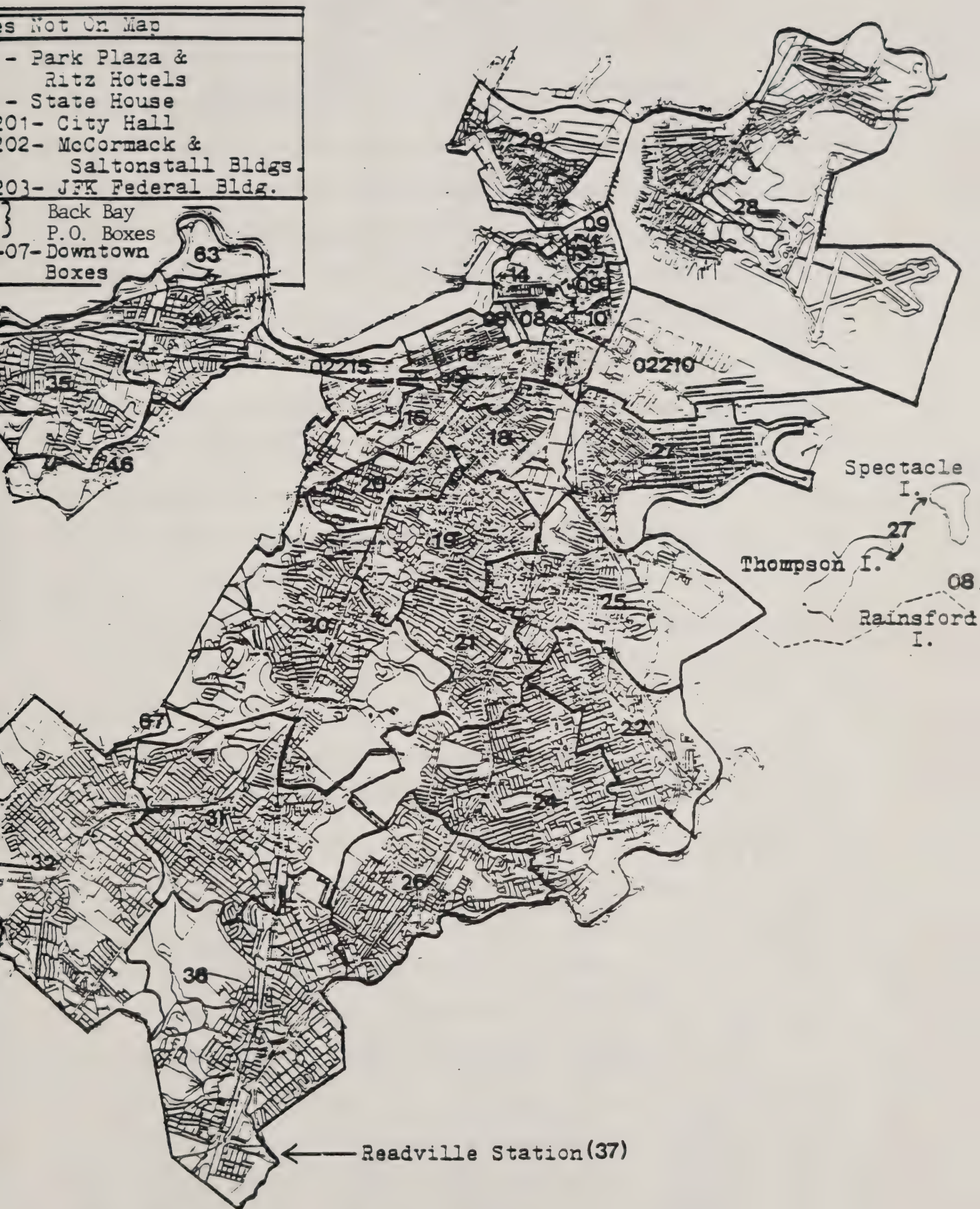


Figure 2. A) Distribution of Employment

by Neighborhood, 1983 (in percent)
JP/Rs/WR/HP (6.0%)

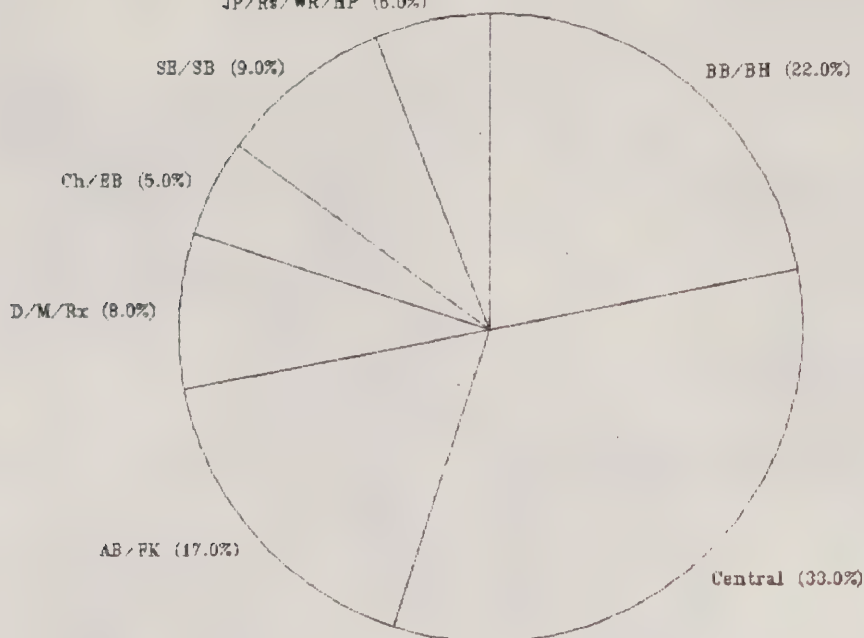
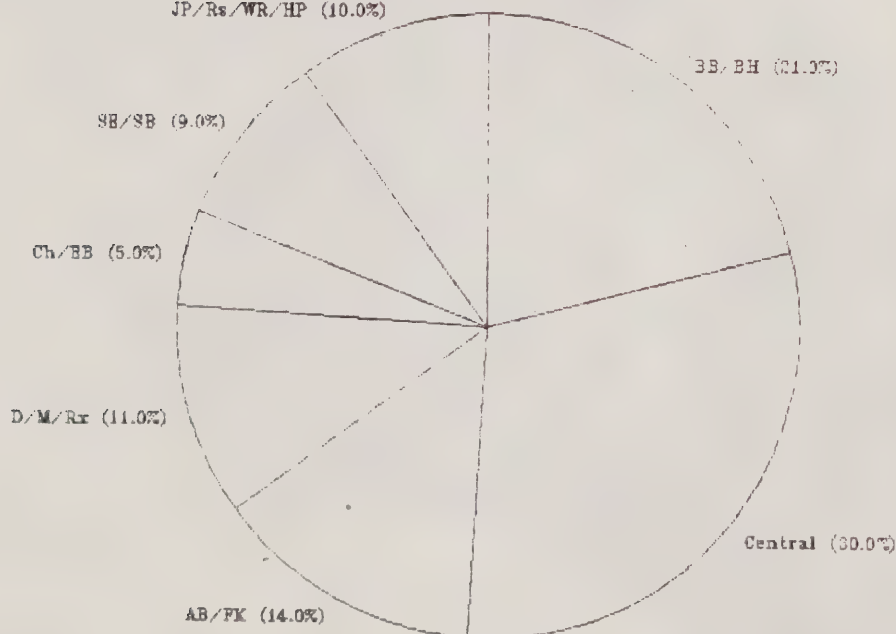


Figure 2. B) Distribution of Workplaces

by Neighborhood, 1983 (in percent)
JP/Rs/WR/HP (10.0%)



Source: U.S. Department of Commerce, Bureau of the Census,
County Business Patterns, unpublished file, 1983.

Key:

Central = Central Boston planning district;
BB/BH = Back Bay/Beacon Hill;
AB/FK = Allston-Brighton and Fenway-Kenmore;
Ch/EB = Charlestown and East Boston;
D/M/Rx = Dorchester, Mattapan and Roxbury;
SE/SB = South End and South Boston;
JP/Rs/WR/HP = Jamaica Plain, Roslindale, West Roxbury
and Hyde Park.

Employment by type of business

The distribution of jobs across the city varied substantially by type of business. While Central Boston and Back Bay/Beacon Hill, together, dominated all business sectors, other neighborhoods had sizable shares of some business types. In manufacturing, Central Boston workplaces accounted for 30 percent and Back Bay/Beacon Hill had 11 percent of employment in that sector. For the most part, these were printing and publishing and apparel manufacturing. South Boston and Allston/Brighton contained over 8,000 and 4,000 jobs, or 17 and 8 percent, respectively, of Boston's manufacturing base. East Boston, Charlestown, Fenway/Kenmore, the South End and Uphams Corner each had over 2,000 manufacturing jobs in 1983. See Table 4. These districts were well served by major transportation arteries--Mass. Turnpike, Routes 93 and 95, Logan Airport and, formerly of more importance, railroad lines and Route 1. These numbers differ somewhat from those reported by the Economic Development and Industrial Corporation of Boston. See Table 4A for a comparison and explanation.

Transportation/Communication/Public Utilities jobs were concentrated in Central Boston (40 percent), Back Bay/Beacon Hill (17 percent), East Boston (14 percent), Allston/Brighton (6 percent) and South Boston (5 percent). See Table 5. The Central district included employees of telephone companies and local transit companies. Logan Airport was the source for most of the transportation employment in East Boston while the administrative offices of the electric and gas utilities accounted for much of the Back Bay/Beacon Hill's employment in this business type.

Employment in wholesale trade was concentrated in the Central (20 percent), South Boston (15 percent), Allston/Brighton (13 percent) and South End (10 percent) planning districts. The distribution of jobs resembles that

of the manufacturing sector due to similar locational factors, including proximity to transportation and preference for one-floor buildings in non-residential areas. Back Bay/Beacon Hill, Fenway/Kenmore, Hyde Park and East Boston each had over 1,000 jobs in wholesale trade. See Table 6.

Retail trade was dispersed the most evenly across the neighborhoods. The primary shopping districts were in Central Boston, with 23 percent of all retail employees, and Back Bay/Beacon Hill, with 22 percent. See Table 7. Fenway/Kenmore and Allston/Brighton also supported 12 and 7 percent, respectively, of all retail employees in Boston. Only five neighborhoods--Roxbury, Charlestown, South End, Uphams Corner and Jamaica Plain--had less than 1,000 retail trade employees.

By contrast, 86 percent of the employees in finance/insurance/real estate worked in the Central and Back Bay/Beacon Hill planning districts, combined. Boston's financial district is well named. Except for these and South Boston, Fenway/Kenmore and Uphams Corner, each with around 2,500 employees, all other neighborhoods had fewer than 800 workers in the finance sector. See Table 8.

The distribution of services employment was bunched in Central Boston, 29 percent of total, Back Bay/Beacon Hill, 25 percent and Fenway/Kenmore, 19 percent. However, this large sector, with 171,000 employees, had a presence throughout Boston. Only Mattapan/Franklin Field had fewer than 1,000 employees in services. Hospitals and universities accounted for much of the services employment in neighborhoods such as Jamaica Plain, Roxbury and Allston/Brighton. See Table 9.

From the perspective of the location of private workplaces, the central area of Boston (Central Boston and Back Bay/Beacon Hill) played a dominant role in 1983. Comparing the number of employees in Boston, by type of business, to

the number in the central area of the city, reveals the central area's primary role in finance/insurance/real estate, transportation/communication/public utilities and services. See Tables 10 and 11. In particular, the central area contained the bulk of the city's employment in medical, educational, business and professional services. Those business types have contributed most of the net new jobs in Boston in recent years. Yet, the neighborhoods outside of the central area accounted for more than one-half of the jobs in construction, manufacturing, wholesale trade, and retail trade. Those were neither the largest nor the fastest-growing business types, but they provided jobs for workers with limited education and skills. Further, average annual wages were higher in construction, manufacturing and wholesale trade than in services. See Table 11A.

Business patterns within neighborhoods

Analysis by neighborhood provides another picture of private business patterns in Boston. Each of the sixteen neighborhoods may be compared to Boston as a whole. Boston's business patterns were dominated by services (39 percent of total employment), finance/insurance/real estate (18 percent), retail trade (13 percent) and manufacturing (11 percent). See Table 12.

Four of every ten of Allston/Brighton's private business establishments were in services in 1983. In fact, medical services provided more jobs, 18 percent of the neighborhood's total, than any of the other major business sectors. Yet, unlike the city as a whole, manufacturing, with 16 percent of total employment, provided more jobs than either finance/insurance/real estate or retail trade. See Table 13 and Table A-1 in the appendix. Machinery and electronic equipment accounted for about one-half of manufacturing employment. Retail trade also accounted for 16 percent of employment, largely due to activity in the Coolidge Corner/Harvard Avenue commercial district and along

Soldiers Field Road. Among the largest employers in Allston/Brighton were Saint Elizabeth's Hospital, Honeywell Information Systems, and three large retail firms--Almy Stores, Bickford's Family Fare, and Aldens, Inc.

Back Bay/Beacon Hill was dominated by services (44 percent of all jobs), finance/insurance/real estate (25 percent) and retail trade (13 percent). See Tables 14 and A-2. Business services, with over 12,000 employees, stood out in this neighborhood's diverse services sector. Back Bay/Beacon Hill had more hotel and lodging employees than any other planning district. In the financial sector, insurance establishments added about 15,000 jobs, which nearly matched the number in the Central Boston planning district. Newbury and Boylston Streets comprised the city's only major retail district outside of the central business district. Eating and drinking places led the trade sector with over 5,000 jobs. The new retail complex in the Back Bay, Copley Place, had not opened at that time. In manufacturing, most of the 5,000 jobs were in printing and publishing establishments. The largest employers in the district include John Hancock Mutual Life Insurance, Boston Concession, New England Mutual Life Insurance Co., Cahner's Publishing Co. Inc., Gillette Company (headquarters), Liberty Mutual Insurance Company, Prudential Insurance Company, Sheraton Boston Towers Hotel, Boston Edison Co. and Boston Gas Co.

Central Boston specialized in services (33 percent of employment) and finance/insurance/real estate (30 percent). See Tables 15 and A-3. Business services, including advertising, building maintenance, personnel supply, computer and data processing, protective, management and consulting services, employed over 14,000 persons. Legal, engineering, accounting and other professional services supported another 14,000 jobs. Insurance and banking led a diverse financial sector in Central Boston. In trade, Downtown Crossing

and Faneuil Hall Market provided the bulk of the district's 13,000 retail jobs. In addition, more than one-half of the city's communications employment was located in Central Boston and printing and publishing establishments supported 5,000 of the district's 14,000 manufacturing jobs. The largest employers in the district were Bank of Boston Corporation, Massachusetts General Hospital, New England Medical Center Hospital, Shawmut Corporation, State Street Boston Corporation and Stone & Webster Engineering Inc.

Charlestown has been the home of many manufacturing firms, mostly food processing, provided four of every ten jobs located in the district. The large manufacturers in Charlestown were H.P. Hood Inc., and Barton's Candy Corporation. Wholesale trade, with nearly 1,000 jobs, employed more workers than retail trade establishments. See Tables 16 and A-4. With its relatively small services and retail trade sectors, Charlestown had just over 6,000 jobs by place of work. Only Roslindale and Mattapan/Franklin Field had smaller employment bases.

In Fields Corner, the southern part of Dorchester, services employment predominated, with 41 percent of all employment, followed by retail trade, with 27 percent. See Table 17 and Table A-5 in the appendix. Health service establishments, including Carney Hospital, provided one-half of the services employment. The retail sector was oriented toward local consumers--food stores, eating and drinking places and miscellaneous retail accounted for two-thirds of all retail jobs.

Uphams Corner, the northern part of Dorchester, was more oriented toward manufacturing, 22 percent of total, and finance/insurance/real estate, 27 percent than Fields Corner. See Tables 18 and A-6. Food processing and primary and fabricated metals production led the manufacturing sector. The largest manufacturing employers were BLW Cable Systems, Inc., Boston Insulated Wire Cable and Colonial Provision Co. Inc. Banking establishments supported 1,600 of the 2,500 jobs in the finance sector. Medical services, provided 1,200 jobs including workers at Saint Margaret's Hospital for Women.

In East Boston, transportation/communication/public utilities and services each accounted for 29 percent of total private employment, in 1983. See Table 19 and A-7. Logan Airport provided most of the transportation jobs located in the district. Retail trade, led by eating and drinking places, accounted for 17 percent of all employees. Manufacturing, mainly textile and apparel products, supplied 14 percent of the jobs located in East Boston. Business and repair services employed the most workers in the services sector. The finance and wholesale trade sectors were particularly small compared to most other neighborhoods. In addition to the major airlines, the largest employers in the district were Hilton Hotel Corporation and Suffolk Downs Race Track.

Fenway/Kenmore area workplaces provided 31,000 jobs in services, third highest among the sixteen planning districts. See Table 20. Hospitals and other health services and educational institutions led a wide range of services activities. Retail trade, dominated by eating and drinking places, was also important as a source of jobs, with 15 percent of the total. Although finance/insurance/real estate accounted for 11 percent of all

establishments, the prevalence of small real estate offices limited the sector's employment share to 5 percent. See Table A-8. The largest employers in Fenway/Kenmore were Boston University, Brigham & Women's Hospital, Children's Hospital, Northeastern University, Beth Israel Hospital, New England Deaconess Hospital, the Dana Farber Cancer Center and Sears Roebuck and Company.

Hyde Park is a mostly residential neighborhood. Manufacturing and wholesale trade, together, accounted for 38 percent of all place of work employment, and the retail trade and construction sectors made up another 38 percent of the job base. See Tables 21 and A-9. By contrast, those four sectors, combined, accounted for only 32 percent of all jobs located in Boston. Hyde Park's services, finance and transportation sectors, the mainstays of the city's business activity, contributed merely 23 percent of the neighborhood's job base. Hyde Park had no employers with 500 employees or more.

Mattapan/Franklin Field another residential neighborhood, had the smallest job base and the fewest employees in construction, manufacturing, and wholesale trade. Unlike those in Hyde Park, Mattapan/Franklin Field's business establishments were engaged primarily in retail trade and services. See Table 22 and A-10. Mattapan Square was the center of business activity in the neighborhood.

Jamaica Plain was the most services-oriented neighborhood. Health, social and other services supported 69 percent of the district's job base. See Tables 23 and A-11. The Faulkner Hospital was the neighborhood's only large employer. Centre Street was the locus of a relatively small retail sector in Jamaica Plain.

Roslindale depended on the types of businesses that primarily served local residents. Retail establishments, mostly food stores, eating and drinking places, and miscellaneous retail, mostly located in Roslindale Square, made up 40 percent of the job base. Other business types served wider geographic markets. The second largest sector, services, provided 38 percent of the jobs, led by the neighborhood's lone large employer, the Hebrew Rehabilitation Center. In addition, 15 percent of all Roslindale business establishments were in construction, the highest relative concentration in the city. See Tables 24 and A-12.

Roxbury employment was dominated by medical services, led by its large employer, New England Baptist Hospital on Mission Hill. Health, social and other services accounted for 55 percent of all employment in Roxbury. Manufacturing, mostly of furniture, machinery and apparel, provided more than 1,100 jobs or 12 percent of the neighborhood total. See Tables 25 and A-13.

Unlike most neighborhoods, South Boston was dominated by manufacturing, with 32 percent of all jobs, and wholesale trade, with 14 percent. The 8,200 manufacturing jobs were located primarily in printing and publishing, electronic equipment, apparel and food processing establishments. See Tables 26 and A-14. Trucking and warehousing also provided over 1,200 jobs and 73 construction establishments were headquarters for 1,400 workers. South Boston's large employers were Affiliated Publication Inc. (Globe) and Gillette Company (Safety Razor Division). One of the more diverse planning districts, South Boston had 2,600 jobs in finance/insurance/real estate and 4,300 in a variety of business, health, professional and other services.

Health and other services provided 38 percent of the jobs in South End workplaces. However, manufacturing and wholesale trade, each with one-fifth of the district's total employment, were important parts of the job base. See Tables 27 and A-15. The South End's largest employer was New England Nuclear Corporation. Other manufacturers included producers of apparel, food and leather products.

Finally, West Roxbury's small job base was comprised mostly of retail trade (34 percent of total employment), services (25 percent), transportation/communication/public utilities (13 percent), and finance/insurance/real estate (12 percent). See Tables 28 and A-16. This reflects the residential character of the neighborhood.

The variation in distribution of jobs across the city does not mean that the residents of one neighborhood have more job opportunities than the inhabitants of another district. Commuting within Boston and from the city to its suburbs is common. In 1980, according to the BRA's household survey, only 19 percent of Boston's residents worked in their own neighborhoods and 27 percent worked outside the city. The 1985 household survey showed that 17 percent of Boston's residents worked in their own neighborhoods and 31 percent held jobs in the suburbs. Convenient workplaces are a benefit to workers and some residents have transportation constraints or particularly inconvenient access to some locations. However, for most workers, the Boston area's integrated urban economy provides a range of job opportunities within reasonable commuting distances.

Data and Method

The data base for this study was furnished by the U.S. Department of Commerce, Bureau of the Census, County Business Patterns. Coverage includes all private places of business; government employers, railroads and self-employed workers are excluded. The latest available data are based on individual records of business establishments in March 1983.

For each of 53 zip codes covering the City of Boston, the data include counts of business establishments by 2-digit Standard Industrial Classification (SIC), by employment size range. Numbers of employees were not reported due to disclosure laws.

The first step in the analysis was an estimation of the number of employees by zip code, by SIC. Figure 3 illustrates the method for zip code 02108 and SIC-27: first, mid-points were computed for each of the employment size ranges; then, the number of establishments in each range was multiplied by the mid-point to obtain an estimate of the number of employees (last row of Figure 3). For the last range (1,000+), the employment "mid-point" was computed

* U.S. Department of Commerce, Bureau of the Census, County Business Patterns, Massachusetts, 1983.

Figure 3
 Boston Neighborhood Business Patterns
 Data and Method

Zip Code	SIC	Total Number Establishments	Employment Size Range								
			0-4	5-9	10-19	10-49	50-99	100-249	250-499	500-999	1000+
.	.	.									
.	.	.									
.	.	.									
02108	27	13	1	3	6	1	-	1	-	1	-
.	.	.									
.	.	.									
.	.	.									
Midpoints for Employment Size Range			2.5	7.0	14.5	34.5	74.5	174.5	374.5	749.5	2173.6
Estimate of Employees											
.	.	.									
.	.	.									
.	.	.									
02108	27	13	2.5	21.0	87.0	34.5	0	174.5	0	749.5	0
.	.	.									
.	.	.									
.	.	.									

as an average size as follows: The published numbers of Suffolk County establishments by employment size range were multiplied by mid-points for the first eight ranges. Then, the employees were summed over the first eight ranges and subtracted from the total number of employees in Suffolk County. The remainder was divided by the number of establishments in the last range to yield an estimate of employees and average firm size in the last range.

Next, zip code areas were combined to form sixteen neighborhoods which have similar boundaries to the Boston Redevelopment Authority's Planning Districts. See Figure 4 compared to Figure 1. Then, for each neighborhood, the number of establishments and number of employees by type of business were computed.

The method introduces an unknown, but acceptable amount of error to the data. The results are reliable for the purpose of describing the location of business activity in the neighborhoods of Boston. Again, persons working for themselves are excluded even though they account for part of the city's business activity.

The names of the largest employers were obtained from business directories. See the BRA draft report, "Large Employers in the City of Boston, 1983," April 1985.

TABLE 2. BUSINESS ESTABLISHMENTS AND EMPLOYEES,
BOSTON NEIGHBORHOODS, 1983

Neighborhood -----	Establishments -----	Employees -----
Allston-Brighton	1,160	26,326
Back Bay-Beacon Hill	3,657	95,193
Central Boston	5,380	147,009
Charlestown	266	6,240
Dorchester		
Fields Corner	860	13,288
Uphams Corner	264	9,515
East Boston	562	17,825
Fenway-Kenmore	1,204	46,562
Hyde Park	387	6,991
Mattapan-Franklin Field	206	3,512
Jamaica Plain	444	8,149
Roslindale	341	4,708
Roxbury	532	9,381
South Boston	1,121	25,641
South End	528	11,031
West Roxbury	434	6,485

BOSTON TOTAL	17,346	437,856
 Suffolk County Total	 18,529	 456,098
 Boston, Percent of Suffolk	 94	 96

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 3. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES,
BOSTON NEIGHBORHOODS, 1983

(in percent *)		
Neighborhood	Establishments	Employees
-----	-----	-----
Allston-Brighton	7	6
Back Bay-Beacon Hill	21	22
Central Boston	31	34
Charlestown	2	1
Dorchester		
Fields Corner	5	3
Uphams Corner	2	2
East Boston	3	4
Fenway-Kenmore	7	11
Hyde Park	2	2
Mattapan-Franklin Field	1	1
Jamaica Plain	3	2
Roslindale	2	1
Roxbury	3	2
South Boston	6	6
South End	3	3
West Roxbury	3	1

BOSTON TOTAL	100	100

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 4. RANKING OF NEIGHBORHOODS BY NUMBER OF EMPLOYEES
IN MANUFACTURING, 1983

Rank -----	Neighborhood -----	Employees -----	Percent * of Total -----
1	Central Boston	14,600	29.8
2	South Boston	8,175	16.7
3	Back Bay-Beacon Hill	5,382	11.0
4	Allston-Brighton	4,115	8.4
5	East Boston	2,566	5.2
6	Charlestown	2,490	5.1
7	Fenway-Kenmore	2,387	4.9
8	South End	2,175	4.4
9	Uphams Corner	2,139	4.4
10	Hyde Park	1,385	2.8
11	Roxbury	1,166	2.4
12	Fields Corner	1,052	2.1
13	Jamaica Plain	478	1.0
14	West Roxbury	410	0.8
15	Mattapan-Franklin Field	272	0.6
16	Roslindale	154	0.3

	BOSTON TOTAL	48,946	100.0

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 4A. MANUFACTURING ESTABLISHMENTS AND EMPLOYMENT IN BOSTON
BY NEIGHBORHOOD, 1983, COMPARISON OF TWO SOURCES

Neighborhood *	Establishments		Employees	
	CBP	EDIC	CBP	EDIC
Central Boston	233	203	14,600	8,424
South Boston	189	223	8,175	10,608
Allston/Brighton	61	61	4,115	4,274
Charlestown	29	24	2,490	3,301
East Boston	44	41	2,566	2,854
Back Bay/Beacon Hill/ Fenway/Kenmore	163	97	4,562	5,382
Roxbury/South End	92	139	3,341	4,423
Dorchester/Mattapan	63	76	3,463	6,207
Jamaica Plain/ Roslindale/W. Roxbury	53	50	1,042	1,360
Hyde Park	28	37	1,385	1,769
City of Boston	955	951	48,946	48,602

EDIC = Economic Development and Industrial Corporation of Boston,
Boston Manufacturing Universe, 1983.

CBP = County Business Patterns, unpublished zip code file, 1983.

* These are EDIC's neighborhood definitions, based on zip codes.
Neighborhood definitions differ slightly between the two sources.
The notable difference is that zip code area 02108 is in
Central Boston in the EDIC compilation and in Back Bay in
the CBP compilation.
Differences in the sources stem partly from collection methods;
For establishments that used a post office box for an address,
EDIC found the workplace location; CBP did not make such corrections.

TABLE 5. RANKING OF NEIGHBORHOODS BY NUMBER OF EMPLOYEES
IN TRANSPORTATION, COMMUNICATION AND PUBLIC UTILITIES,
1983

Rank -----	Neighborhood -----	Employees -----	Percent * of Total -----
1	Central Boston	14,877	39.7
2	Back Bay-Beacon Hill	6,280	16.7
3	East Boston	5,227	13.9
4	Allston-Brighton	2,325	6.2
5	South Boston	1,957	5.2
6	Fenway-Kenmore	1,185	3.2
7	South End	1,117	3.0
8	Fields Corner	902	2.4
9	West Roxbury	855	2.3
10	Mattapan-Franklin Field	844	2.3
11	Uphams Corner	649	1.7
12	Hyde Park	344	0.9
13	Charlestown	338	0.9
14	Roxbury	277	0.7
15	Roslindale	211	0.6
16	Jamaica Plain	110	0.3

	BOSTON TOTAL	37,498	100.0

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 6. RANKING OF NEIGHBORHOODS BY NUMBER OF EMPLOYEES
IN WHOLESALE TRADE, 1983

Rank -----	Neighborhood -----	Employees -----	Percent * of Total -----
1	Central Boston	4,586	20.2
2	South Boston	3,472	15.3
3	Allston-Brighton	2,998	13.2
4	South End	2,337	10.3
5	Back Bay-Beacon Hill	1,927	8.5
6	Fenway-Kenmore	1,823	8.0
7	Hyde Park	1,264	5.6
8	East Boston	1,202	5.3
9	Charlestown	976	4.3
10	Fields Corner	574	2.5
11	Roxbury	557	2.5
12	Jamaica Plain	343	1.5
13	West Roxbury	307	1.4
14	Uphams Corner	174	0.8
15	Mattapan-Franklin Field	135	0.6
16	Roslindale	59	0.3

	BOSTON TOTAL	22,734	100.0

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 7. RANKING OF NEIGHBORHOODS BY NUMBER OF EMPLOYEES
IN RETAIL TRADE, 1983

Rank -----	Neighborhood -----	Employees -----	Percent * of Total -----
1	Central Boston	13,284	22.8
2	Back Bay-Beacon Hill	12,599	21.6
3	Fenway-Kenmore	7,031	12.1
4	Allston-Brighton	4,209	7.2
5	Fields Corner	3,599	6.2
6	South Boston	3,489	6.0
7	East Boston	2,946	5.1
8	West Roxbury	2,200	3.8
9	Roslindale	1,879	3.2
10	Hyde Park	1,877	3.2
11	Mattapan-Franklin Field	1,218	2.1
12	Roxbury	981	1.7
13	Charlestown	846	1.5
14	South End	776	1.3
15	Uphams Corner	653	1.1
16	Jamaica Plain	629	1.1

	BOSTON TOTAL	58,216	100.0

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 8. RANKING OF NEIGHBORHOODS BY NUMBER OF EMPLOYEES
IN FINANCE/INSURANCE/REAL ESTATE, 1983

Rank -----	Neighborhood -----	Employees -----	Percent * of Total -----
1	Central Boston	43,457	55.1
2	Back Bay-Beacon Hill	23,957	30.4
3	South Boston	2,574	3.3
4	Fenway-Kenmore	2,541	3.2
5	Uphams Corner	2,527	3.2
6	Allston-Brighton	790	1.0
7	West Roxbury	757	1.0
8	Fields Corner	573	0.7
9	Roxbury	457	0.6
10	Jamaica Plain	257	0.3
11	South End	187	0.2
12	Hyde Park	175	0.2
13	Charlestown	172	0.2
14	Roslindale	167	0.2
15	East Boston	148	0.2
16	Mattapan-Franklin Field	98	0.1

	BOSTON TOTAL	78,837	100.0

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 9. RANKING OF NEIGHBORHOODS BY NUMBER OF EMPLOYEES
IN SERVICES, 1983

Rank -----	Neighborhood -----	Employees -----	Percent * of Total -----
1	Central Boston	48,966	28.6
2	Back Bay-Beacon Hill	42,039	24.6
3	Fenway-Kenmore	30,846	18.0
4	Allston-Brighton	10,094	5.9
5	Jamaica Plain	5,584	3.3
6	Fields Corner	5,487	3.2
7	Roxbury	5,118	3.0
8	East Boston	5,117	3.0
9	South Boston	4,278	2.5
10	South End	4,166	2.4
11	Uphams Corner	2,944	1.7
12	Roslindale	1,781	1.0
13	West Roxbury	1,638	1.0
14	Charlestown	1,132	0.7
15	Hyde Park	1,061	0.6
16	Mattapan-Franklin Field	763	0.4

	BOSTON TOTAL	171,014	100.0

* Columns may not sum to 100 due to rounding.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 10. NUMBER OF BUSINESS ESTABLISHMENTS AND EMPLOYEES
IN BOSTON, BY INDUSTRY, 1983

Type of Business -----	Establishments -----	Employees -----
Fishing, Horticulture/Mining **	60	280
Construction	704	12,399
Manufacturing	955	48,946
Transportation/Public Utilities	628	37,498
Wholesale Trade	1,223	22,734
Retail Trade	3,563	58,216
Finance/Insurance/Real Estate	2,358	78,837
Services ***	6,530	171,014
Medical (80)	998	11,788
Educational (82)	447	11,677
Business (73)	1,215	38,418
Professional (81,89)	1,611	29,285
Other	2,259	79,846
Unclassified	1,325	7,932
Total All Business Types	17,346	437,856

** Also titled "Agriculture/Mining" this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 11. CENTRAL AREA'S * SHARE OF TOTAL BOSTON EMPLOYEES,
BY INDUSTRY, 1983

Type of Business -----	Number -----	Percent of Boston -----
Fishing, Horticulture/Mining **	100	36
Construction	4,310	35
Manufacturing	19,982	41
Transportation/Public Utilities	21,157	56
Wholesale Trade	6,513	29
Retail Trade	25,883	44
Finance/Insurance/Real Estate	67,414	86
Services ***	91,005	53
Medical (80)	8,266	70
Educational (82)	6,983	60
Business (73)	26,958	70
Professional (81,89)	24,922	85
Other	23,876	30
Unclassified	5,838	74
Total All Business Types	242,202	55

* Central Boston and Back Bay-Beacon Hill, combined.

** Also titled "Agriculture/Mining" this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 11A. AVERAGE ANNUAL WAGES BY INDUSTRY, CITY OF BOSTON
1980-1984, IN CONSTANT 1984 DOLLARS /1

Industry -----	1980 -----	1981 -----	1982 -----	1983 -----	1984 -----
All Industries	20,100	19,592	20,692	21,054	21,284
Construction	25,321	25,407	27,697	27,214	27,065
Manufacturing	21,260	20,554	21,787	21,784	22,475
Transportation/Pub.Util.	28,593	28,018	29,346	30,167	28,485
Wholesale Trade	24,373	23,401	24,538	24,394	24,863
Retail Trade	11,316	10,840	10,883	11,087	12,044
Finance/Ins./Real Est.	23,363	22,496	24,067	25,732	26,632
Services	17,046	17,164	18,383	18,695	18,982
Federal Government	25,559	26,054	27,038	27,013	27,232
State Government	19,037	18,135	20,835	21,066	22,548
Local Government	25,610	23,042	22,606	22,154	20,023

1/ Adjusted by the Boston Area Consumer Price Index for
for All Urban Consumers, U.S. Bureau of Labor Statistics.

Source: Massachusetts Division of Employment Security,
ES-202 series, 1980-1984.

TABLE 12. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES IN BOSTON,
BY INDUSTRY, 1983

(in percent)

Type of Business -----	Establishments -----	Employees -----
Fishing, Horticulture/Mining **	0.3	0.1
Construction	4.1	2.8
Manufacturing	5.5	11.2
Transportation/Public Utilities	3.6	8.6
Wholesale Trade	7.1	5.2
Retail Trade	20.5	13.3
Finance/Insurance/Real Estate	13.6	18.0
Services ***	37.6	39.1
Medical (80)	5.8	2.7
Educational (82)	2.6	2.7
Business (73)	7.0	8.8
Professional (81,89)	9.3	6.7
Other	13.0	18.2
Unclassified	7.6	1.8
Total All Business Types	100.0	100.0

** Also titled "Agriculture/Mining" this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 13. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN ALLSTON/BRIGHTON, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent * -----	Number -----	Perce -----
Fishing, Horticult./Mining **	12	1	43	
Construction	81	7	1,525	
Manufacturing	61	5	4,115	
Transport./Comm./Pub.Utilities	42	4	2,625	
Wholesale Trade	122	11	2,998	
Retail Trade	270	23	4,209	
Finance/Insurance/Real Estate	104	9	790	
Services ***	398	34	10,094	
Medical (80)	96	8	4,694	
Educational (82)	13	1	543	
Business (73)	63	5	1,658	
Professional (81,89)	22	2	294	
Other	204	18	2,905	
Unclassified	70	6	227	
TOTAL, All Business Types	1,160	100	26,326	1

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 14. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN BACK BAY/BEACON HILL, BY TYPE OF BUSINESS, 1983

Type of Business	Establishments		Employees	
	Number	Percent *	Number	Percent *
Fishing, Horticult./Mining **	5	0	54	0
Construction	43	1	2,053	2
Manufacturing	117	3	5,382	6
Transport./Comm./Pub.Utilities	90	2	6,280	7
Wholesale Trade	162	4	1,927	2
Retail Trade	688	19	12,599	13
Finance/Insurance/Real Estate	512	14	23,957	25
Services ***	1,783	49	42,039	44
Medical (80)	128	4	1,477	2
Educational (82)	54	1	4,741	5
Business (73)	401	11	12,578	13
Professional (81,89)	226	6	11,719	12
Other	974	27	11,524	12
Unclassified	257	7	902	1
TOTAL, All Business Types	3,657	100	95,193	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 15. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN CENTRAL BOSTON, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent *	Number -----	Percent -----
Fishing, Horticult./Mining **	13	0	46	0
Construction	60	1	2,257	2
Manufacturing	233	4	14,600	10
Transport./Comm./Pub.Utilities	153	3	14,877	10
Wholesale Trade	285	5	4,586	3
Retail Trade	804	15	13,284	9
Finance/Insurance/Real Estate	1,258	23	43,457	30
Services ***	1,994	37	48,966	33
Medical (80)	195	4	6,789	5
Educational (82)	31	1	2,242	2
Business (73)	438	8	14,380	10
Professional (81,89)	837	16	13,916	9
Other	493	9	11,639	8
Unclassified	580	11	4,936	3
TOTAL, All Business Types	5,380	100	147,009	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 16. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN CHARLESTOWN, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent * -----	Number -----	Percent -----
Fishing, Horticult./Mining **	0	0	0	0
Construction	22	8	239	4
Manufacturing	29	11	2,490	40
Transport./Comm./Pub.Utilities	11	4	338	5
Wholesale Trade	35	13	976	16
Retail Trade	57	21	846	14
Finance/Insurance/Real Estate	17	6	172	3
Services ***	78	29	1,132	18
Medical (80)	8	3	65	1
Educational (82)	3	1	403	6
Business (73)	6	2	46	1
Professional (81,89)	9	3	130	2
Other	52	20	488	8
Unclassified	17	6	47	1
TOTAL, All Business Types	266	100	6,240	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 17. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN DORCHESTER-FIELDS CORNER, BY TYPE OF BUSINESS, 1983

Type of Business	Establishments		Employees	
	Number	Percent *	Number	Percent
Fishing, Horticuilt./Mining **	2	0	9	0
Construction	75	9	954	7
Manufacturing	40	5	1,052	8
Transport./Comm./Pub.Utilities	33	4	902	7
Wholesale Trade	56	7	574	4
Retail Trade	257	30	3,599	27
Finance/Insurance/Real Estate	63	7	573	4
Services ***	294	34	5,487	41
Medical (80)	66	8	2,655	20
Educational (82)	11	1	267	2
Business (73)	29	3	931	7
Professional (81,89)	12	1	66	0
Other	176	20	1,568	12
Unclassified	40	5	138	1
TOTAL, All Business Types	860	100	13,288	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 18. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN DORCHESTER-UPHAMS CORNER, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent *	Number -----	Percent *
Fishing, Horticult./Mining **	0	0	0	0
Construction	22	8	349	4
Manufacturing	17	6	2,139	22
Transport./Comm./Pub.Utilities	8	3	649	7
Wholesale Trade	18	7	174	2
Retail Trade	77	29	653	7
Finance/Insurance/Real Estate	15	6	2,527	27
Services ***	92	35	2,944	31
Medical (80)	17	6	1,239	13
Educational (82)	5	2	267	3
Business (73)	12	5	757	8
Professional (81,89)	1	0	2	0
Other	57	22	679	7
Unclassified	15	6	80	1
TOTAL, All Business Types	264	100	9,515	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 19. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN EAST BOSTON, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent *	Number -----	Perce -----
Fishing, Horticult./Mining **	3	1	12	
Construction	33	6	366	
Manufacturing	44	8	2,566	1
Transport./Comm./Pub.Utilities	107	19	5,227	2
Wholesale Trade	24	4	1,202	
Retail Trade	149	27	2,946	1
Finance/Insurance/Real Estate	18	3	148	
Services ***	147	26	5,117	2
Medical (80)	22	4	670	
Educational (82)	5	1	60	
Business (73)	21	4	1,539	
Professional (81,89)	7	1	18	
Other	92	16	2,830	1
Unclassified	37	7	241	
TOTAL, All Business Types	562	100	17,825	10

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 20. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN FENWAY/KENMORE, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent * -----	Number -----	Percent * -----
Fishing, Horticult./Mining **	3	0	18	0
Construction	18	1	299	1
Manufacturing	46	4	2,387	5
Transport./Comm./Pub.Utilities	23	2	1,185	3
Wholesale Trade	43	4	1,823	4
Retail Trade	310	26	7,031	15
Finance/Insurance/Real Estate	138	11	2,541	5
Services ***	550	46	30,846	66
Medical (80)	200	17	7,438	16
Educational (82)	32	3	11,763	25
Business (73)	83	7	4,052	9
Professional (81,89)	35	3	2,422	5
Other	200	17	5,171	11
Unclassified	73	6	432	1
TOTAL, All Business Types	1,204	100	46,562	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 21. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN HYDE PARK, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		*	Employees	
	Number -----	Percent -----		Number -----	Percent -----
Fishing, Horticult./Mining **	1	0		2	0
Construction	58	15		780	11
Manufacturing	28	7		1,385	20
Transport./Comm./Pub.Utilities	15	4		344	5
Wholesale Trade	36	9		1,264	18
Retail Trade	93	24		1,877	27
Finance/Insurance/Real Estate	13	3		175	3
Services ***	116	30		1,061	15
Medical (80)	26	7		540	8
Educational (82)	4	1		33	0
Business (73)	11	3		80	1
Professional (81,89)	4	1		10	0
Other	71	18		398	6
Unclassified	27	7		103	1
TOTAL, All Business Types	387	100		6,991	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 22. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN MATTAPAN/FRANKLIN FIELD, BY TYPE OF BUSINESS, 1983

Type of Business	Establishments		Employees	
	Number	Percent *	Number	Percent *
Fishing, Horticult./Mining **	0	0	0	0
Construction	12	6	154	4
Manufacturing	6	3	272	8
Transport./Comm./Pub.Utilities	10	5	844	24
Wholesale Trade	13	6	135	4
Retail Trade	81	39	1,218	35
Finance/Insurance/Real Estate	10	5	98	3
Services ***	63	31	763	22
Medical (80)	18	9	406	12
Educational (82)	2	1	5	0
Business (73)	5	2	49	1
Professional (81,89)	4	2	10	0
Other	34	17	293	8
Unclassified	11	5	28	1
TOTAL, All Business Types	206	100	3,512	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 23. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN JAMAICA PLAIN, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent *	Number -----	Percent -----
Fishing, Horticult./Mining **	4	1	15	0
Construction	34	8	540	7
Manufacturing	26	6	478	6
Transport./Comm./Pub.Utilities	12	3	110	1
Wholesale Trade	21	5	343	4
Retail Trade	98	22	629	8
Finance/Insurance/Real Estate	26	6	257	3
Services ***	184	41	5,584	69
Medical (80)	61	14	3,685	45
Educational (82)	4	1	124	2
Business (73)	18	4	125	2
Professional (81,89)	12	3	102	1
Other	89	20	1,548	19
Unclassified	39	9	193	2
TOTAL, All Business Types	444	100	8,149	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 24. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN ROSLINDALE, BY TYPE OF BUSINESS, 1983

Type of Business	Establishments		Employees	
	Number	Percent *	Number	Percent *
Fishing, Horticult./Mining **	1	0	2	0
Construction	53	16	399	8
Manufacturing	13	4	154	3
Transport./Comm./Pub.Utilities	10	3	211	4
Wholesale Trade	10	3	59	1
Retail Trade	120	35	1,879	40
Finance/Insurance/Real Estate	21	6	167	4
Services ***	97	28	1,781	38
Medical (80)	19	6	1,023	22
Educational (82)	3	1	8	0
Business (73)	9	3	154	3
Professional (81,89)	7	2	34	1
Other	59	17	562	12
Unclassified	16	5	56	1
TOTAL, All Business Types	341	100	4,708	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 25. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN ROXBURY, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent *	Number -----	Percent -----
Fishing, Horticult./Mining **	1	0	2	
Construction	49	9	701	
Manufacturing	35	7	1,166	1
Transport./Comm./Pub.Utilities	14	3	277	
Wholesale Trade	46	9	557	
Retail Trade	126	24	981	1
Finance/Insurance/Real Estate	25	5	457	
Services ***	201	38	5,118	5
Medical (80)	42	8	2,777	3
Educational (82)	5	1	208	
Business (73)	24	5	327	
Professional (81,89)	7	1	27	
Other	123	23	1,779	1
Unclassified	35	7	122	
TOTAL, All Business Types	532	100	9,381	10

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 26. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN SOUTH BOSTON, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent * -----	Number -----	Percent * -----
Fishing, Horticult./Mining **	8	1	55	0
Construction	73	7	1,365	5
Manufacturing	189	17	8,175	32
Transport./Comm./Pub.Utilities	62	6	1,957	8
Wholesale Trade	208	19	3,472	14
Retail Trade	212	19	3,489	14
Finance/Insurance/Real Estate	84	7	2,574	10
Services ***	231	21	4,278	17
Medical (80)	22	2	806	3
Educational (82)	6	1	94	0
Business (73)	50	4	997	4
Professional (81,89)	35	3	713	3
Other	118	11	1,668	7
Unclassified	54	5	276	1
TOTAL, All Business Types	1,121	100	25,641	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 27. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN THE SOUTH END, BY TYPE OF BUSINESS, 1983

Type of Business -----	Establishments		Employees	
	Number -----	Percent *	Number -----	Percent -----
Fishing, Horticult./Mining **	4	1	14	0
Construction	21	4	184	2
Manufacturing	57	11	2,175	20
Transport./Comm./Pub.Utilities	24	5	1,117	10
Wholesale Trade	123	23	2,337	21
Retail Trade	99	19	776	7
Finance/Insurance/Real Estate	23	4	187	2
Services ***	149	28	4,166	38
Medical (80)	43	8	2,077	19
Educational (82)	2	0	16	0
Business (73)	15	3	498	5
Professional (81,89)	12	2	503	5
Other	77	15	1,072	10
Unclassified	28	5	75	1
TOTAL, All Business Types	528	100	11,031	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.

TABLE 28. DISTRIBUTION OF ESTABLISHMENTS AND EMPLOYEES
IN WEST ROXBURY, BY TYPE OF BUSINESS, 1983

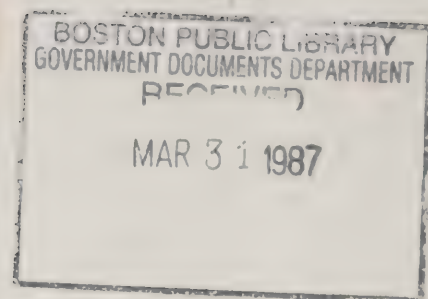
Type of Business	Establishments		Employees	
	Number	Percent *	Number	Percent *
Fishing, Horticult./Mining **	3	1	8	0
Construction	50	12	234	4
Manufacturing	14	3	410	6
Transport./Comm./Pub.Utilities	14	3	855	13
Wholesale Trade	21	5	307	5
Retail Trade	122	28	2,200	34
Finance/Insurance/Real Estate	31	7	757	12
Services ***	153	35	1,638	25
Medical (80)	35	8	691	11
Educational (82)	6	1	91	1
Business (73)	24	6	238	4
Professional (81,89)	11	3	32	0
Other	77	18	586	9
Unclassified	26	6	76	1
TOTAL, All Business Types	434	100	6,485	100

* May not sum to 100 percent due to rounding.

** Also titled "Agriculture/Mining," this category includes employees who work in offices of firms whose primary activities are related to plants, fish and minerals.

*** Standard Industrial Classification code is in parentheses.

Source: U.S. Department of Commerce,
Bureau of the Census, County Business Patterns, 1983.



Appendix To:

Business Patterns in Boston Neighborhoods

Detailed Tables

Jeffrey P. Brown

With the Assistance of Stephen M. Kunze

Boston Redevelopment Authority
Research Department

February 1987

Raymond L. Flynn, Mayor
City of Boston

Stephen Coyle, Director
Boston Redevelopment Authority

Alexander Ganz, Assistant Director
Policy Development and Research Department

Boston Redevelopment Authority
Board of Directors

Robert L. Farrell, Chairman

Joseph J. Walsh, Vice-Chairman

James K. Flaherty, Treasurer

Clarence J. Jones, Asst. Treasurer

Michael J. Donlan, Member

Kane Simonian, Secretary

BUSINESS PATTERNS IN THE CITY OF BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	60	280
** Subtotal **		60	280
** CONSTRUCTION			
	15 General Constructors	178	2490
	16 Heavy Construction	44	2915
	17 Special Trade Contractors	482	6994
** Subtotal **		704	12399
** MANUFACTURING			
	20 Food and Kindred Products	79	5596
	22 Textile Mill Products	22	2080
	23 Apparel and Other Textile	148	6447
	24 Lumber and Wood	18	310
	25 Furniture and Fixtures	27	566
	26 Paper and Allied Products	21	1206
	27 Printing and Publishing	326	13511
	28 Chemicals	23	1965
	29 Petroleum and Coal Products	2	36
	30 Rubber and Plastic	19	519
	31 Leather	17	686
	32 Stone, Clay and Glass	16	662
	33 Primary Metals	12	711
	34 Fabricated Metals	65	5057
	35 Machinery Ex. Electronic	48	3427
	36 Electric and Electronic Equipment	40	2201
	37 Transportation Equipment	8	921
	38 Instruments	23	1890
	39 Miscellaneous Manufacturing	41	1155
** Subtotal **		955	48946
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	85	3868
	42 Trucking and Warehousing	151	3317
	44 Water Transportation	32	777
	45 Transportation by Air	75	7666
	47 Transportaion Services	185	4324
	48 Communications	73	13295
	49 Electric, Gas, & Sanitary Service	27	4251
** Subtotal **		628	37498
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	623	12455
	51 Wholesale Trade - Nondurable	600	10279

BUSINESS PATTERNS IN THE CITY OF BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
52	Building Materials & Garden	95	807
53	General Merchandise Stores	59	7581
54	Food Stores	440	8381
55	Automotive Dealers & Service	229	2092
56	Apparel & Accessory Stores	366	5023
57	Furniture & Home Furnishings	174	1182
58	Eating and Drinking Places	1209	24647
59	Miscellaneous Retail	991	8503
** Subtotal **		4786	80950
** FINANCE, INS., REAL ESTATE			
60	Banking	236	17167
61	Credit Agencies	167	3035
62	Security, Commodity Brokers	227	9623
63	Insurance Carriers	431	27977
64	Insurance Agents, Brokers	336	7124
65	Real Estate	730	10395
66	Combined Real Estate-Insurance	12	57
67	Holding & Other Investment	219	3459
** Subtotal **		2358	78837
** SERVICES			
70	Hotel & Other Lodging	90	7921
72	Personal Services	541	4926
73	Business Services	1215	38418
75	Auto Repair	402	4629
76	Miscellaneous Repair	137	918
78	Motion Pictures	122	1335
79	Amusement & Recreation	155	4886
80	Health Services	998	37032
81	Legal Services	1053	11788
82	Educational Services	186	20865
83	Social Services	447	11677
84	Museums	16	218
86	Membership Organizations	610	8904
89	Miscellaneous Services	558	17497
** Subtotal **		6530	171014
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	1325	7932
** Subtotal **		1325	7932
*** Total ***		17346	437856

BUSINESS PATTERNS IN ALLSTON-BRIGHTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	12	43
** Subtotal **		12	43
** CONSTRUCTION			
	15 General Constructors	14	279
	16 Heavy Construction	7	72
	17 Special Trade Contractors	60	1174
** Subtotal **		81	1525
** MANUFACTURING			
	20 Food and Kindred Products	3	142
	22 Textile Mill Products	2	48
	23 Apparel and Other Textile	6	494
	27 Printing and Publishing	15	194
	28 Chemicals	5	84
	30 Rubber and Plastic	2	188
	31 Leather	1	174
	32 Stone, Clay and Glass	3	423
	34 Fabricated Metals	4	210
	35 Machinery Ex. Electronic	7	1627
	36 Electric and Electronic Equipment	7	433
	38 Instruments	2	48
	39 Miscellaneous Manufacturing	4	50
** Subtotal **		61	4115
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	5	24
	42 Trucking and Warehousing	12	127
	45 Transportation by Air	2	5
	47 Transportaion Services	12	510
	48 Communications	7	1075
	49 Electric, Gas, & Sanitary Service	4	584
** Subtotal **		42	2325
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	84	2088
	51 Wholesale Trade - Nondurable	38	910
	52 Building Materials & Garden	10	70
	53 General Merchandise Stores	6	457
	54 Food Stores	35	817
	55 Automotive Dealers & Service	40	450
	56 Apparel & Accessory Stores	23	379
	57 Furniture & Home Furnishings	14	80
	58 Eating and Drinking Places	88	1338

BUSINESS PATTERNS IN ALLSTON-BRIGHTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
	59 Miscellaneous Retail	54	6
** Subtotal **		392	72
** FINANCE, INS., REAL ESTATE			
	60 Banking	18	1
	61 Credit Agencies	5	1
	63 Insurance Carriers	2	
	64 Insurance Agents, Brokers	4	
	65 Real Estate	62	3
	66 Combined Real Estate-Insurance	1	
	67 Holding & Other Investment	12	
** Subtotal **		104	7
** SERVICES			
	70 Hotel & Other Lodging	4	2
	72 Personal Services	40	2
	73 Business Services	63	16
	75 Auto Repair	59	5
	76 Miscellaneous Repair	22	1
	78 Motion Pictures	8	
	79 Amusement & Recreation	12	1
	80 Health Services	96	46
	81 Legal Services	7	
	82 Educational Services	13	5
	83 Social Services	22	2
	86 Membership Organizations	37	11
	89 Miscellaneous Services	15	2
** Subtotal **		398	100
** UNCLASSIFIABLE ESTABLISHMENTS			
	99 Unclassifiable	70	2
** Subtotal **		70	2
*** Total ***		1160	263

BUSINESS PATTERNS IN BACK BAY-BEACON HILL, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	5	54
** Subtotal **		5	54
** CONSTRUCTION			
	15 General Constructors	17	1034
	16 Heavy Construction	2	181
	17 Special Trade Contractors	24	838
** Subtotal **		43	2053
** MANUFACTURING			
	20 Food and Kindred Products	1	74
	22 Textile Mill Products	1	34
	23 Apparel and Other Textile	6	28
	24 Lumber and Wood	2	14
	26 Paper and Allied Products	1	7
	27 Printing and Publishing	75	3008
	28 Chemicals	1	174
	30 Rubber and Plastic	2	36
	32 Stone, Clay and Glass	2	16
	33 Primary Metals	2	108
	34 Fabricated Metals	7	1527
	36 Electric and Electronic Equipment	5	75
	38 Instruments	1	2
	39 Miscellaneous Manufacturing	11	279
** Subtotal **		117	5382
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	7	373
	42 Trucking and Warehousing	3	162
	44 Water Transportation	3	83
	45 Transportation by Air	21	139
	47 Transportaion Services	36	1810
	48 Communications	15	1817
	49 Electric, Gas, & Sanitary Service	5	1896
** Subtotal **		90	6280
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	93	1161
	51 Wholesale Trade - Nondurable	69	766
	52 Building Materials & Garden	7	51
	53 General Merchandise Stores	8	2891
	54 Food Stores	40	663
	55 Automotive Dealers & Service	4	14
	56 Apparel & Accessory Stores	131	1429

BUSINESS PATTERNS IN BACK BAY-BEACON HILL, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
57	Furniture & Home Furnishings	44	402
58	Eating and Drinking Places	189	5184
59	Miscellaneous Retail	265	1965
** Subtotal **		850	14526
** FINANCE, INS., REAL ESTATE			
60	Banking	52	2466
61	Credit Agencies	32	447
62	Security, Commodity Brokers	64	2413
63	Insurance Carriers	68	13059
64	Insurance Agents, Brokers	49	2736
65	Real Estate	193	2507
66	Combined Real Estate-Insurance	1	2
67	Holding & Other Investment	53	327
** Subtotal **		512	23957
** SERVICES			
70	Hotel & Other Lodging	31	3964
72	Personal Services	122	1005
73	Business Services	401	12578
75	Auto Repair	44	559
76	Miscellaneous Repair	30	177
78	Motion Pictures	66	885
79	Amusement & Recreation	44	855
80	Health Services	128	1477
81	Legal Services	424	4028
82	Educational Services	54	4741
83	Social Services	81	2453
84	Museums	4	10
86	Membership Organizations	182	2329
89	Miscellaneous Services	172	6978
** Subtotal **		1783	42039
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	257	902
** Subtotal **		257	902
*** Total ***		3657	95193

BUSINESS PATTERNS IN CENTRAL BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	13	46
** Subtotal **		13	46
** CONSTRUCTION			
	15 General Constructors	23	293
	16 Heavy Construction	4	1696
	17 Special Trade Contractors	33	268
** Subtotal **		60	2257
** MANUFACTURING			
	20 Food and Kindred Products	13	746
	22 Textile Mill Products	6	869
	23 Apparel and Other Textile	68	2764
	24 Lumber and Wood	1	2
	25 Furniture and Fixtures	4	37
	26 Paper and Allied Products	5	638
	27 Printing and Publishing	91	5117
	28 Chemicals	5	554
	30 Rubber and Plastic	4	19
	31 Leather	1	7
	32 Stone, Clay and Glass	2	36
	33 Primary Metals	1	2
	34 Fabricated Metals	8	1833
	35 Machinery Ex. Electronic	5	278
	36 Electric and Electronic Equipment	4	52
	37 Transportation Equipment	1	2
	38 Instruments	3	1510
	39 Miscellaneous Manufacturing	11	134
** Subtotal **		233	14600
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	13	1945
	42 Trucking and Warehousing	18	267
	44 Water Transportation	12	395
	45 Transportation by Air	12	3028
	47 Transportaion Services	65	966
	48 Communications	26	7469
	49 Electric, Gas, & Sanitary Service	7	807
** Subtotal **		153	14877
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	126	2134
	51 Wholesale Trade - Nondurable	159	2452
	52 Building Materials & Garden	10	43

BUSINESS PATTERNS IN CENTRAL BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
53	General Merchandise Stores	7	161
54	Food Stores	105	118
55	Automotive Dealers & Service	13	5
56	Apparel & Accessory Stores	105	163
57	Furniture & Home Furnishings	43	31
58	Eating and Drinking Places	294	689
59	Miscellaneous Retail	227	153
** Subtotal **		1089	1787
** FINANCE, INS., REAL ESTATE			
60	Banking	74	990
61	Credit Agencies	79	193
62	Security, Commodity Brokers	157	638
63	Insurance Carriers	303	1379
64	Insurance Agents, Brokers	221	365
65	Real Estate	299	583
66	Combined Real Estate-Insurance	2	2
67	Holding & Other Investment	123	191
** Subtotal **		1258	4345
** SERVICES			
70	Hotel & Other Lodging	18	241
72	Personal Services	76	86
73	Business Services	438	1438
75	Auto Repair	79	77
76	Miscellaneous Repair	12	9
78	Motion Pictures	21	13
79	Amusement & Recreation	44	176
80	Health Services	195	678
81	Legal Services	576	749
82	Educational Services	31	224
83	Social Services	86	370
84	Museums	7	8
86	Membership Organizations	150	181
89	Miscellaneous Services	261	642
** Subtotal **		1994	4896
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	580	493
** Subtotal **		580	493
*** Total ***		5380	14700

BUSINESS PATTERNS IN CHARLESTOWN, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
* CONSTRUCTION			
15	General Constructors	3	19
16	Heavy Construction	1	2
17	Special Trade Contractors	18	218
* Subtotal **		22	239
* MANUFACTURING			
20	Food and Kindred Products	10	1953
23	Apparel and Other Textile	3	43
26	Paper and Allied Products	1	74
27	Printing and Publishing	6	151
28	Chemicals	1	14
30	Rubber and Plastic	1	7
32	Stone, Clay and Glass	4	165
33	Primary Metals	1	74
34	Fabricated Metals	2	9
* Subtotal **		29	2490
* TRANSPORTATION AND PUB. UTIL.			
42	Trucking and Warehousing	5	37
44	Water Transportation	3	39
48	Communications	2	188
49	Electric, Gas, & Sanitary Service	1	74
* Subtotal **		11	338
* WHOLESALE AND RETAIL			
50	Wholesale Trade - Durable	18	262
51	Wholesale Trade - Nondurable	17	714
52	Building Materials & Garden	2	36
54	Food Stores	11	244
55	Automotive Dealers & Service	5	22
56	Apparel & Accessory Stores	2	5
57	Furniture & Home Furnishings	1	2
58	Eating and Drinking Places	25	229
59	Miscellaneous Retail	11	308
* Subtotal **		92	1822
* FINANCE, INS., REAL ESTATE			
60	Banking	1	7
61	Credit Agencies	2	14
62	Security, Commodity Brokers	1	34
63	Insurance Carriers	4	86
64	Insurance Agents, Brokers	4	10
65	Real Estate	2	14
66	Combined Real Estate-Insurance	1	2

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BUSINESS PATTERNS IN CHARLESTOWN, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
	67 Holding & Other Investment	2	5
** Subtotal **		17	172
** SERVICES			
	72 Personal Services	10	34
	73 Business Services	12	55
	75 Auto Repair	6	46
	76 Miscellaneous Repair	2	21
	78 Motion Pictures	1	2
	79 Amusement & Recreation	1	34
	80 Health Services	8	65
	81 Legal Services	4	22
	82 Educational Services	3	403
	83 Social Services	10	222
	84 Museums	1	2
	86 Membership Organizations	15	118
	89 Miscellaneous Services	5	108
** Subtotal **		78	1132
** UNCLASSIFIABLE ESTABLISHMENTS			
	99 Unclassifiable	17	47
** Subtotal **		17	47
*** Total ***		266	6240

BUSINESS PATTERNS IN DORESTER-FIELDS CORNER, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	2	9
** Subtotal **		2	9
** CONSTRUCTION			
	15 General Constructors	18	163
	16 Heavy Construction	3	55
	17 Special Trade Contractors	54	736
** Subtotal **		75	954
** MANUFACTURING			
	20 Food and Kindred Products	4	110
	22 Textile Mill Products	1	2
	23 Apparel and Other Textile	6	140
	24 Lumber and Wood	1	2
	25 Furniture and Fixtures	1	2
	26 Paper and Allied Products	1	34
	27 Printing and Publishing	8	63
	28 Chemicals	1	34
	30 Rubber and Plastic	2	88
	31 Leather	2	28
	34 Fabricated Metals	6	79
	35 Machinery Ex. Electronic	2	76
	36 Electric and Electronic Equipment	2	4
	37 Transportation Equipment	2	376
	38 Instruments	1	14
** Subtotal **		40	1052
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	17	116
	42 Trucking and Warehousing	10	121
	45 Transportation by Air	1	374
	48 Communications	2	181
	49 Electric, Gas, & Sanitary Service	3	110
** Subtotal **		33	902
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	48	447
	51 Wholesale Trade - Nondurable	8	127
	52 Building Materials & Garden	14	142
	53 General Merchandise Stores	4	264
	54 Food Stores	40	900
	55 Automotive Dealers & Service	29	331
	56 Apparel & Accessory Stores	14	103
	57 Furniture & Home Furnishings	10	38

BUSINESS PATTERNS IN DORESTER-FIELDS CORNER, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
	58 Eating and Drinking Places	77	947
	59 Miscellaneous Retail	69	874
** Subtotal **		313	4173
** FINANCE, INS., REAL ESTATE			
	60 Banking	12	115
	61 Credit Agencies	10	133
	63 Insurance Carriers	6	31
	64 Insurance Agents, Brokers	9	32
	65 Real Estate	16	232
	66 Combined Real Estate-Insurance	4	14
	67 Holding & Other Investment	6	16
** Subtotal **		63	573
** SERVICES			
	70 Hotel & Other Lodging	4	81
	72 Personal Services	46	254
	73 Business Services	29	931
	75 Auto Repair	38	165
	76 Miscellaneous Repair	9	74
	78 Motion Pictures	4	19
	79 Amusement & Recreation	7	72
	80 Health Services	66	2655
	81 Legal Services	6	15
	82 Educational Services	11	267
	83 Social Services	32	613
	86 Membership Organizations	36	290
	89 Miscellaneous Services	6	51
** Subtotal **		294	5487
** UNCLASSIFIABLE ESTABLISHMENTS			
	99 Unclassifiable	40	138
** Subtotal **		40	138
*** Total ***		860	13288

BUSINESS PATTERNS IN DORESTER-UPHAMS CORNER, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
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* CONSTRUCTION

15	General Constructors	2	5
16	Heavy Construction	1	7
17	Special Trade Contractors	19	337

** Subtotal **

22	349
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** MANUFACTURING

20	Food and Kindred Products	2	824
25	Furniture and Fixtures	1	74
27	Printing and Publishing	3	179
30	Rubber and Plastic	1	74
33	Primary Metals	2	408
34	Fabricated Metals	3	222
35	Machinery Ex. Electronic	1	74
36	Electric and Electronic Equipment	2	176
37	Transportation Equipment	1	74
38	Instruments	1	34

** Subtotal **

17	2139
----	------

** TRANSPORTATION AND PUB. UTIL.

41	Local Transit	1	174
42	Trucking and Warehousing	5	227
48	Communications	2	248

** Subtotal **

8	649
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** WHOLESALE AND RETAIL

50	Wholesale Trade - Durable	12	123
51	Wholesale Trade - Nondurable	6	51
52	Building Materials & Garden	2	16
53	General Merchandise Stores	3	8
54	Food Stores	12	162
55	Automotive Dealers & Service	7	43
56	Apparel & Accessory Stores	6	36
57	Furniture & Home Furnishings	3	21
58	Eating and Drinking Places	26	229
59	Miscellaneous Retail	18	138

** Subtotal **

95	827
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** FINANCE, INS., REAL ESTATE

60	Banking	6	1632
61	Credit Agencies	4	124
63	Insurance Carriers	1	14
64	Insurance Agents, Brokers	1	2
65	Real Estate	2	5
67	Holding & Other Investment	1	750

BUSINESS PATTERNS IN DORESTER-UPHAMS CORNER, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** Subtotal **		15	2527
** SERVICES			
70	Hotel & Other Lodging	1	34
72	Personal Services	10	205
73	Business Services	12	757
75	Auto Repair	10	114
76	Miscellaneous Repair	6	67
78	Motion Pictures	2	16
79	Amusement & Recreation	3	8
80	Health Services	17	1239
82	Educational Services	5	267
83	Social Services	15	121
86	Membership Organizations	10	114
89	Miscellaneous Services	1	2
** Subtotal **		92	2944
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	15	80
** Subtotal **		15	80
*** Total ***		264	9515

BUSINESS PATTERNS IN EAST BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	3	12
** Subtotal **		3	12
** CONSTRUCTION			
	15 General Constructors	6	19
	17 Special Trade Contractors	27	347
** Subtotal **		33	366
** MANUFACTURING			
	20 Food and Kindred Products	6	31
	22 Textile Mill Products	2	764
	23 Apparel and Other Textile	9	563
	24 Lumber and Wood	1	2
	25 Furniture and Fixtures	1	14
	27 Printing and Publishing	5	37
	29 Petroleum and Coal Products	1	34
	31 Leather	1	34
	34 Fabricated Metals	8	231
	35 Machinery Ex. Electronic	4	15
	36 Electric and Electronic Equipment	2	5
	37 Transportation Equipment	1	374
	39 Miscellaneous Manufacturing	3	462
** Subtotal **		44	2566
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	2	16
	42 Trucking and Warehousing	16	417
	44 Water Transportation	5	89
	45 Transportation by Air	37	4044
	47 Transportaion Services	45	633
	48 Communications	1	14
	49 Electric, Gas, & Sanitary Service	1	14
** Subtotal **		107	5227
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	11	960
	51 Wholesale Trade - Nondurable	13	242
	52 Building Materials & Garden	7	31
	53 General Merchandise Stores	4	74
	54 Food Stores	28	325
	55 Automotive Dealers & Service	11	108
	56 Apparel & Accessory Stores	10	206
	57 Furniture & Home Furnishings	5	17
	58 Eating and Drinking Places	50	1888

BUSINESS PATTERNS IN EAST BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
	59 Miscellaneous Retail	34	297
** Subtotal **		173	4148
** FINANCE, INS., REAL ESTATE			
	60 Banking	8	113
	63 Insurance Carriers	1	2
	64 Insurance Agents, Brokers	6	26
	65 Real Estate	2	5
	66 Combined Real Estate-Insurance	1	2
** Subtotal **		18	148
** SERVICES			
	70 Hotel & Other Lodging	3	562
	72 Personal Services	23	122
	73 Business Services	21	1539
	75 Auto Repair	31	1182
	76 Miscellaneous Repair	6	26
	79 Amusement & Recreation	5	765
	80 Health Services	22	670
	81 Legal Services	4	10
	82 Educational Services	5	60
	83 Social Services	10	91
	86 Membership Organizations	14	82
	89 Miscellaneous Services	3	8
** Subtotal **		147	5117
** UNCLASSIFIABLE ESTABLISHMENTS			
	99 Unclassifiable	37	241
** Subtotal **		37	241
*** Total ***		562	17825

BUSINESS PATTERNS IN FENWAY-KENMORE, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	3	18
** Subtotal **		3	18
** CONSTRUCTION			
	15 General Constructors	7	105
	16 Heavy Construction	1	14
	17 Special Trade Contractors	10	180
** Subtotal **		18	299
** MANUFACTURING			
	20 Food and Kindred Products	1	7
	24 Lumber and Wood	1	2
	25 Furniture and Fixtures	3	55
	26 Paper and Allied Products	1	2
	27 Printing and Publishing	30	2015
	31 Leather	1	14
	32 Stone, Clay and Glass	1	2
	35 Machinery Ex. Electronic	1	174
	36 Electric and Electronic Equipment	1	2
	37 Transportation Equipment	1	74
	38 Instruments	5	40
** Subtotal **		46	2387
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	4	284
	42 Trucking and Warehousing	3	83
	44 Water Transportation	1	2
	47 Transportaion Services	8	243
	48 Communications	7	573
** Subtotal **		23	1185
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	27	1703
	51 Wholesale Trade - Nondurable	16	120
	52 Building Materials & Garden	6	51
	53 General Merchandise Stores	4	1691
	54 Food Stores	23	490
	55 Automotive Dealers & Service	23	400
	56 Apparel & Accessory Stores	12	62
	57 Furniture & Home Furnishings	16	110
	58 Eating and Drinking Places	153	3576
	59 Miscellaneous Retail	73	651

BUSINESS PATTERNS IN FENWAY-KENMORE, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** Subtotal **		353	885
** FINANCE, INS., REAL ESTATE			
60	Banking	19	166
61	Credit Agencies	12	9
62	Security, Commodity Brokers	1	14
63	Insurance Carriers	32	27
64	Insurance Agents, Brokers	4	14
65	Real Estate	63	41
67	Holding & Other Investment	7	7
** Subtotal **		138	254
** SERVICES			
70	Hotel & Other Lodging	25	57
72	Personal Services	38	86
73	Business Services	83	405
75	Auto Repair	21	23
76	Miscellaneous Repair	9	6
78	Motion Pictures	10	17
79	Amusement & Recreation	17	74
80	Health Services	200	743
81	Legal Services	6	3
82	Educational Services	32	1176
83	Social Services	35	109
84	Museums	2	10
86	Membership Organizations	43	131
89	Miscellaneous Services	29	239
** Subtotal **		550	3084
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	73	43
** Subtotal **		73	43
*** Total ***		1204	4656

BUSINESS PATTERNS IN HYDE PARK, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	1	2
** Subtotal **		1	2
** CONSTRUCTION			
	15 General Constructors	11	37
	16 Heavy Construction	10	153
	17 Special Trade Contractors	37	590
** Subtotal **		58	780
** MANUFACTURING			
	20 Food and Kindred Products	3	110
	23 Apparel and Other Textile	2	41
	24 Lumber and Wood	1	7
	25 Furniture and Fixtures	2	16
	26 Paper and Allied Products	1	174
	27 Printing and Publishing	3	88
	32 Stone, Clay and Glass	1	2
	33 Primary Metals	2	41
	34 Fabricated Metals	5	200
	35 Machinery Ex. Electronic	6	518
	36 Electric and Electronic Equipment	2	188
** Subtotal **		28	1385
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	3	12
	42 Trucking and Warehousing	9	249
	47 Transportaion Services	1	2
	48 Communications	1	74
	49 Electric, Gas, & Sanitary Service .	1	7
** Subtotal **		15	344
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	23	974
	51 Wholesale Trade - Nondurable	13	290
	52 Building Materials & Garden	3	43
	53 General Merchandise Stores	3	19
	54 Food Stores	18	705
	55 Automotive Dealers & Service	9	43
	56 Apparel & Accessory Stores	7	588
	57 Furniture & Home Furnishings	3	23
	58 Eating and Drinking Places	27	253
	59 Miscellaneous Retail	23	203

BUSINESS PATTERNS IN HYDE PARK, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** Subtotal **		129	3141
** FINANCE, INS., REAL ESTATE			
60	Banking	4	110
61	Credit Agencies	1	14
64	Insurance Agents, Brokers	4	10
65	Real Estate	4	41
** Subtotal **		13	175
** SERVICES			
72	Personal Services	20	115
73	Business Services	11	80
75	Auto Repair	23	114
76	Miscellaneous Repair	2	5
78	Motion Pictures	1	2
79	Amusement & Recreation	4	23
80	Health Services	26	540
81	Legal Services	3	8
82	Educational Services	4	33
83	Social Services	7	40
86	Membership Organizations	14	99
89	Miscellaneous Services	1	2
** Subtotal **		116	1061
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	27	103
** Subtotal **		27	103
*** Total ***		387	6991

BUSINESS PATTERNS IN MATTAPAN-FRANKLIN FIELD, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
* CONSTRUCTION			
15	General Constructors	3	19
17	Special Trade Contractors	9	135
* Subtotal **		12	154
* MANUFACTURING			
20	Food and Kindred Products	1	14
26	Paper and Allied Products	1	74
30	Rubber and Plastic	1	2
35	Machinery Ex. Electronic	1	34
36	Electric and Electronic Equipment	1	74
38	Instruments	1	74
* Subtotal **		6	272
* TRANSPORTATION AND PUB. UTIL.			
41	Local Transit	6	762
42	Trucking and Warehousing	4	82
* Subtotal **		10	844
* WHOLESALE AND RETAIL			
50	Wholesale Trade - Durable	11	121
51	Wholesale Trade - Nondurable	2	14
52	Building Materials & Garden	2	9
53	General Merchandise Stores	3	31
54	Food Stores	8	456
55	Automotive Dealers & Service	10	58
56	Apparel & Accessory Stores	10	64
57	Furniture & Home Furnishings	2	5
58	Eating and Drinking Places	26	409
59	Miscellaneous Retail	20	186
* Subtotal **		94	1353
* FINANCE, INS., REAL ESTATE			
60	Banking	4	43
63	Insurance Carriers	1	34
64	Insurance Agents, Brokers	4	19
65	Real Estate	1	2
* Subtotal **		10	98
* SERVICES			
72	Personal Services	12	61
73	Business Services	5	49
75	Auto Repair	7	74
76	Miscellaneous Repair	1	2

BUSINESS PATTERNS IN MATTAPAN-FRANKLIN FIELD, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
80	Health Services	18	406
81	Legal Services	2	5
82	Educational Services	2	5
83	Social Services	8	98
86	Membership Organizations	6	58
89	Miscellaneous Services	2	5
** Subtotal **		63	763
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	11	28
** Subtotal **		11	28
*** Total ***		206	3512

BUSINESS PATTERNS IN JAMAICA PLAIN, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	4	15
** Subtotal **		4	15
** CONSTRUCTION			
	15 General Constructors	7	73
	17 Special Trade Contractors	27	467
** Subtotal **		34	540
** MANUFACTURING			
	20 Food and Kindred Products	2	48
	23 Apparel and Other Textile	2	69
	24 Lumber and Wood	1	2
	25 Furniture and Fixtures	4	15
	27 Printing and Publishing	8	200
	28 Chemicals	1	2
	32 Stone, Clay and Glass	1	2
	34 Fabricated Metals	2	48
	35 Machinery Ex. Electronic	2	76
	38 Instruments	1	2
	39 Miscellaneous Manufacturing	2	14
** Subtotal **		26	478
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	4	74
	42 Trucking and Warehousing	5	29
	47 Transportaion Services	2	5
	49 Electric, Gas, & Sanitary Service	1	2
** Subtotal **		12	110
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	13	230
	51 Wholesale Trade - Nondurable	8	113
	52 Building Materials & Garden	5	22
	53 General Merchandise Stores	1	14
	54 Food Stores	19	174
	55 Automotive Dealers & Service	8	36
	56 Apparel & Accessory Stores	5	22
	57 Furniture & Home Furnishings	3	12
	58 Eating and Drinking Places	36	199
	59 Miscellaneous Retail	21	150
** Subtotal **		119	972

BUSINESS PATTERNS IN JAMAICA PLAIN, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
**	FINANCE, INS., REAL ESTATE		
	60 Banking	3	36
	61 Credit Agencies	6	51
	63 Insurance Carriers	1	2
	64 Insurance Agents, Brokers	2	5
	65 Real Estate	10	140
	66 Combined Real Estate-Insurance	1	7
	67 Holding & Other Investment	3	16
**	Subtotal **	26	257
**	SERVICES		
	72 Personal Services	17	47
	73 Business Services	18	125
	75 Auto Repair	11	61
	76 Miscellaneous Repair	5	17
	78 Motion Pictures	2	5
	79 Amusement & Recreation	3	23
	80 Health Services	61	3685
	81 Legal Services	4	10
	82 Educational Services	4	124
	83 Social Services	34	1075
	86 Membership Organizations	17	320
	89 Miscellaneous Services	8	92
**	Subtotal **	184	5584
**	UNCLASSIFIABLE ESTABLISHMENTS		
	99 Unclassifiable	39	193
**	Subtotal **	39	193
***	Total ***	444	8149

BUSINESS PATTERNS IN ROSLINDALE, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	1	2
** Subtotal **		1	2
** CONSTRUCTION			
	15 General Constructors	10	39
	16 Heavy Construction	8	67
	17 Special Trade Contractors	35	293
** Subtotal **		53	399
** MANUFACTURING			
	20 Food and Kindred Products	2	16
	23 Apparel and Other Textile	2	69
	27 Printing and Publishing	1	2
	32 Stone, Clay and Glass	1	14
	35 Machinery Ex. Electronic	5	17
	38 Instruments	2	36
** Subtotal **		13	154
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	5	12
	42 Trucking and Warehousing	1	2
	47 Transportaion Services	2	9
	48 Communications	2	188
** Subtotal **		10	211
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	6	44
	51 Wholesale Trade - Nondurable	4	15
	52 Building Materials & Garden	5	100
	53 General Merchandise Stores	5	291
	54 Food Stores	13	545
	55 Automotive Dealers & Service	15	51
	56 Apparel & Accessory Stores	10	94
	57 Furniture & Home Furnishings	3	8
	58 Eating and Drinking Places	35	539
	59 Miscellaneous Retail	34	251
** Subtotal **		130	1938
** FINANCE, INS., REAL ESTATE			
	60 Banking	8	93
	63 Insurance Carriers	1	2
	64 Insurance Agents, Brokers	5	12
	65 Real Estate	7	60

BUSINESS PATTERNS IN ROSLINDALE, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** Subtotal **		21	167
** SERVICES			
72	Personal Services	28	90
73	Business Services	9	154
75	Auto Repair	5	17
76	Miscellaneous Repair	2	9
80	Health Services	19	1023
81	Legal Services	4	26
82	Educational Services	3	8
83	Social Services	13	250
86	Membership Organizations	11	196
89	Miscellaneous Services	3	8
** Subtotal **		97	1781
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	16	56
** Subtotal **		16	56
*** Total ***		341	4708

BUSINESS PATTERNS IN ROXBURY, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	1	2
** Subtotal **		1	2
** CONSTRUCTION			
	15 General Constructors	16	120
	16 Heavy Construction	3	215
	17 Special Trade Contractors	30	366
** Subtotal **		49	701
** MANUFACTURING			
	20 Food and Kindred Products	3	75
	22 Textile Mill Products	1	2
	23 Apparel and Other Textile	2	108
	24 Lumber and Wood	2	9
	25 Furniture and Fixtures	3	255
	26 Paper and Allied Products	1	14
	27 Printing and Publishing	2	36
	28 Chemicals	2	16
	30 Rubber and Plastic	1	34
	31 Leather	2	48
	34 Fabricated Metals	7	169
	35 Machinery Ex. Electronic	2	181
	36 Electric and Electronic Equipment	4	97
	38 Instruments	1	34
	39 Miscellaneous Manufacturing	2	88
** Subtotal **		35	1166
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	4	10
	42 Trucking and Warehousing	6	74
	48 Communications	2	188
	49 Electric, Gas, & Sanitary Service	2	5
** Subtotal **		14	277
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	20	292
	51 Wholesale Trade - Nondurable	26	265
	52 Building Materials & Garden	6	63
	53 General Merchandise Stores	2	108
	54 Food Stores	22	240
	55 Automotive Dealers & Service	14	72
	56 Apparel & Accessory Stores	11	81
	57 Furniture & Home Furnishings	5	29
	58 Eating and Drinking Places	33	145

BUSINESS PATTERNS IN ROXBURY, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
	59 Miscellaneous Retail	33	243
** Subtotal **		172	1538
** FINANCE, INS., REAL ESTATE			
	60 Banking	6	51
	61 Credit Agencies	1	7
	63 Insurance Carriers	1	74
	64 Insurance Agents, Brokers	2	5
	65 Real Estate	13	144
	67 Holding & Other Investment	2	176
** Subtotal **		25	457
** SERVICES			
	72 Personal Services	22	352
	73 Business Services	24	327
	75 Auto Repair	16	147
	76 Miscellaneous Repair	7	31
	79 Amusement & Recreation	1	14
	80 Health Services	42	2777
	81 Legal Services	4	20
	82 Educational Services	5	208
	83 Social Services	53	985
	84 Museums	1	14
	86 Membership Organizations	23	236
	89 Miscellaneous Services	3	7
** Subtotal **		201	5118
** UNCLASSIFIABLE ESTABLISHMENTS			
	99 Unclassifiable	35	122
** Subtotal **		35	122
*** Total ***		532	9381

BUSINESS PATTERNS IN SOUTH BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
0	Agriculture and Mining	8	55
** Subtotal **		8	55
** CONSTRUCTION			
15	General Constructors	20	183
16	Heavy Construction	1	374
17	Special Trade Contractors	52	808
** Subtotal **		73	1365
** MANUFACTURING			
20	Food and Kindred Products	17	1138
22	Textile Mill Products	8	327
23	Apparel and Other Textile	25	1622
24	Lumber and Wood	5	239
25	Furniture and Fixtures	3	11
26	Paper and Allied Products	8	175
27	Printing and Publishing	68	2302
28	Chemicals	4	229
29	Petroleum and Coal Products	1	2
30	Rubber and Plastic	3	23
31	Leather	3	115
32	Stone, Clay and Glass	1	2
33	Primary Metals	4	78
34	Fabricated Metals	13	529
35	Machinery Ex. Electronic	9	167
36	Electric and Electronic Equipment	8	1047
37	Transportation Equipment	2	21
38	Instruments	3	55
39	Miscellaneous Manufacturing	4	93
** Subtotal **		189	8175
** TRANSPORTATION AND PUB. UTIL.			
41	Local Transit	5	44
42	Trucking and Warehousing	37	1229
44	Water Transportation	6	133
45	Transportation by Air	1	2
47	Transportaion Services	9	125
48	Communications	3	422
49	Electric, Gas, & Sanitary Service	1	2
** Subtotal **		62	1957
** WHOLESALE AND RETAIL			
50	Wholesale Trade - Durable	88	1183
51	Wholesale Trade - Nondurable	120	2289

BUSINESS PATTERNS IN SOUTH BOSTON, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
52	Building Materials & Garden	6	40
53	General Merchandise Stores	6	71
54	Food Stores	35	651
55	Automotive Dealers & Service	11	46
56	Apparel & Accessory Stores	11	183
57	Furniture & Home Furnishings	5	24
58	Eating and Drinking Places	90	1953
59	Miscellaneous Retail	48	521
** Subtotal **		420	6961
** FINANCE, INS., REAL ESTATE			
60	Banking	9	279
61	Credit Agencies	7	70
62	Security, Commodity Brokers	4	773
63	Insurance Carriers	7	373
64	Insurance Agents, Brokers	14	526
65	Real Estate	33	448
66	Combined Real Estate-Insurance	1	2
67	Holding & Other Investment	9	103
** Subtotal **		84	2574
** SERVICES			
72	Personal Services	27	284
73	Business Services	50	997
75	Auto Repair	30	443
76	Miscellaneous Repair	7	54
78	Motion Pictures	3	7
79	Amusement & Recreation	10	297
80	Health Services	22	806
81	Legal Services	7	88
82	Educational Services	6	94
83	Social Services	15	231
84	Museums	1	2
86	Membership Organizations	25	350
89	Miscellaneous Services	28	625
** Subtotal **		231	4278
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	54	276
** Subtotal **		54	276
*** Total ***		1121	25641

BUSINESS PATTERNS IN SOUTH END, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	4	14
** Subtotal **		4	14
** CONSTRUCTION			
	15 General Constructors	8	40
	16 Heavy Construction	1	74
	17 Special Trade Contractors	12	70
** Subtotal **		21	184
** MANUFACTURING			
	20 Food and Kindred Products	11	308
	22 Textile Mill Products	1	34
	23 Apparel and Other Textile	14	463
	24 Lumber and Wood	2	29
	25 Furniture and Fixtures	4	85
	26 Paper and Allied Products	1	14
	27 Printing and Publishing	8	100
	28 Chemicals	2	784
	30 Rubber and Plastic	1	14
	31 Leather	6	266
	35 Machinery Ex. Electronic	2	16
	36 Electric and Electronic Equipment	1	34
	38 Instruments	1	7
	39 Miscellaneous Manufacturing	3	21
** Subtotal **		57	2175
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	5	12
	42 Trucking and Warehousing	13	169
	44 Water Transportation	2	36
	45 Transportation by Air	1	74
	47 Transportaion Services	1	2
	48 Communications	2	824
** Subtotal **		24	1117
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	32	687
	51 Wholesale Trade - Nondurable	91	1650
	52 Building Materials & Garden	3	43
	53 General Merchandise Stores	2	9
	54 Food Stores	14	145
	55 Automotive Dealers & Service	10	99
	56 Apparel & Accessory Stores	4	35
	57 Furniture & Home Furnishings	7	65

BUSINESS PATTERNS IN SOUTH END, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
	58 Eating and Drinking Places	31	206
	59 Miscellaneous Retail	28	174
** Subtotal **		222	3113
** FINANCE, INS., REAL ESTATE			
	60 Banking	3	28
	61 Credit Agencies	3	8
	63 Insurance Carriers	2	5
	64 Insurance Agents, Brokers	2	5
	65 Real Estate	12	139
	67 Holding & Other Investment	1	2
** Subtotal **		23	187
** SERVICES			
	70 Hotel & Other Lodging	2	9
	72 Personal Services	14	251
	73 Business Services	15	498
	75 Auto Repair	8	36
	76 Miscellaneous Repair	8	58
	78 Motion Pictures	3	16
	79 Amusement & Recreation	2	41
	80 Health Services	43	2077
	82 Educational Services	2	16
	83 Social Services	24	384
	86 Membership Organizations	16	277
	89 Miscellaneous Services	12	503
** Subtotal **		149	4166
** UNCLASSIFIABLE ESTABLISHMENTS			
	99 Unclassifiable	28	75
** Subtotal **		28	75
*** Total ***		528	11031

BUSINESS PATTERNS IN WEST ROXBURY, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

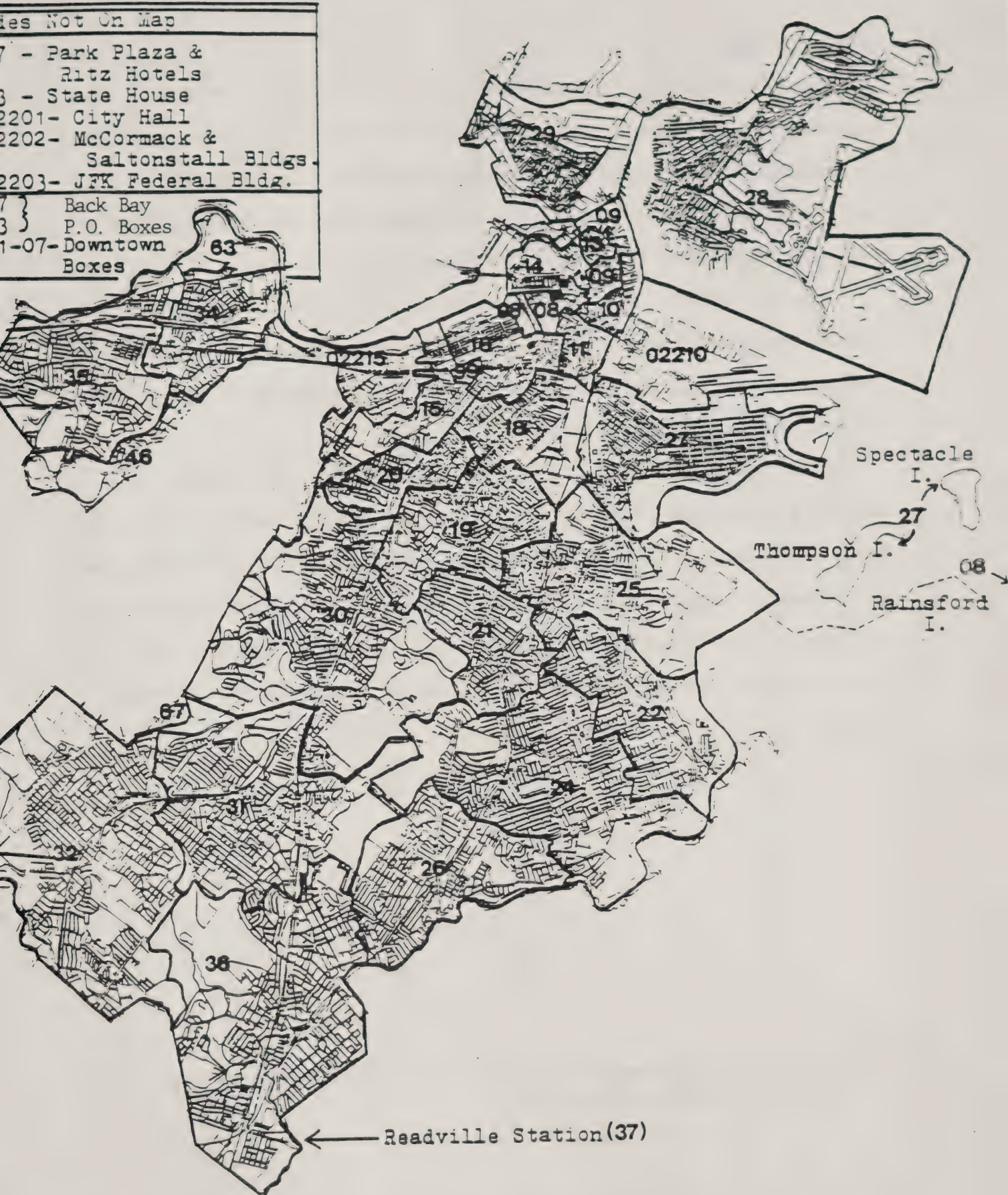
INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** AGRICULTURE AND MINING			
	0 Agriculture and Mining	3	8
** Subtotal **		3	8
** CONSTRUCTION			
	15 General Constructors	13	62
	16 Heavy Construction	2	5
	17 Special Trade Contractors	35	167
** Subtotal **		50	234
** MANUFACTURING			
	23 Apparel and Other Textile	3	43
	24 Lumber and Wood	1	2
	25 Furniture and Fixtures	1	2
	27 Printing and Publishing	3	19
	28 Chemicals	1	74
	30 Rubber and Plastic	1	34
	35 Machinery Ex. Electronic	1	174
	36 Electric and Electronic Equipment	1	14
	38 Instruments	1	34
	39 Miscellaneous Manufacturing	1	14
** Subtotal **		14	410
** TRANSPORTATION AND PUB. UTIL.			
	41 Local Transit	4	10
	42 Trucking and Warehousing	4	42
	47 Transportaion Services	4	19
	48 Communications	1	34
	49 Electric, Gas, & Sanitary Service	1	750
** Subtotal **		14	855
** WHOLESALE AND RETAIL			
	50 Wholesale Trade - Durable	11	46
	51 Wholesale Trade - Nondurable	10	261
	52 Building Materials & Garden	7	47
	53 General Merchandise Stores	1	34
	54 Food Stores	17	678
	55 Automotive Dealers & Service	20	260
	56 Apparel & Accessory Stores	5	104
	57 Furniture & Home Furnishings	10	29
	58 Eating and Drinking Places	29	662
	59 Miscellaneous Retail	33	386

BUSINESS PATTERNS IN WEST ROXBURY, NUMBER OF
ESTABLISHMENTS AND EMPLOYEES, BY TYPE OF BUSINESS, 1983

INDUSTRY CODE	TYPE OF BUSINESS	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES
** Subtotal **		143	2507
** FINANCE, INS., REAL ESTATE			
60	Banking	9	46
61	Credit Agencies	5	17
63	Insurance Carriers	1	17
64	Insurance Agents, Brokers	5	2
65	Real Estate	11	7
** Subtotal **		31	75
** SERVICES			
70	Hotel & Other Lodging	2	4
72	Personal Services	36	17
73	Business Services	24	23
75	Auto Repair	14	8
76	Miscellaneous Repair	9	6
78	Motion Pictures	1	1
79	Amusement & Recreation	2	4
80	Health Services	35	69
81	Legal Services	2	5
82	Educational Services	6	9
83	Social Services	2	4
86	Membership Organizations	11	13
89	Miscellaneous Services	9	2
** Subtotal **		153	163
** UNCLASSIFIABLE ESTABLISHMENTS			
99	Unclassifiable	26	7
** Subtotal **		26	7
*** Total ***		434	648

Figure 1. Postal Zip Code Areas in Boston

Areas Not On Map	
7	- Park Plaza & Ritz Hotels
3	- State House
2201-	City Hall
2202-	McCormack & Saltonstall Bldgs.
2203-	JFK Federal Bldg.
7 }	Back Bay
3 }	P.O. Boxes
1-07-	Downtown Boxes



Data and Method

The data base for this study was furnished by the U.S. Department of Commerce, Bureau of the Census, County Business Patterns. Coverage includes all private places of business; government employers, railroads and self-employed workers are excluded. The latest available data are based on individual records of business establishments in March 1983.

For each of 53 zip codes covering the City of Boston, the data include counts of business establishments by 2-digit Standard Industrial Classification (SIC), by employment size range. Numbers of employees were not reported due to disclosure laws.

The first step in the analysis was an estimation of the number of employees by zip code, by SIC. Figure 3 illustrates the method for zip code 02108 and SIC-27: first, mid-points were computed for each of the employment size ranges; then, the number of establishments in each range was multiplied by the mid-point to obtain an estimate of the number of employees (last row of Figure 3). For the last range (1,000+), the employment "mid-point" was computed

* U.S. Department of Commerce, Bureau of the Census, County Business Patterns, Massachusetts, 1983.

Boston Neighborhood Business Patterns Data and Method

[illegible]

as an average size as follows: The published numbers of Suffolk County establishments by employment size range were multiplied by mid-points for the first eight ranges. Then, the employees were summed over the first eight ranges and subtracted from the total number of employees in Suffolk County. The remainder was divided by the number of establishments in the last range to yield an estimate of employees and average firm size in the last range.

Next, zip code areas were combined to form sixteen neighborhoods which have similar boundaries to the Boston Redevelopment Authority's Planning Districts. See Figure 4 compared to Figure 1. Then, for each neighborhood, the number of establishments and number of employees by type of business were computed.

The method introduces an unknown, but acceptable amount of error to the data. The results are reliable for the purpose of describing the location of business activity in the neighborhoods of Boston. Again, persons working for themselves are excluded even though they account for part of the city's business activity.

The names of the largest employers were obtained from business directories. See the BRA draft report, "Large Employers in the City of Boston, 1983," April 1985.

